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Note. As in previous issues of this *Index*, the following signs are used:* indicates new generic or other names published without a Latin diagnosis as required, on or after 1 Jan. 1935, by Art. 34 of the *International Code of Botanical Nomenclature*, 1956, for valid publication.† indicates a new combination or new name published without full reference to the author and original publication of the basonym as required, on or after 1 Jan. 1953, by Art. 32 of the *International Code*, 1956, for valid publication. (See the note in this *Index 2*, p. 365.)Indication of type (Art. 35 of the *International Code*, 1956). See the note in this *Index 2*, p. 421.

Abstoma fibulaceum P. Sossin in Bot. matep. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 210, 1960.—Maritime Territory, U.S.S.R.

ACTINOTEXIS Arx in *Publ. Inst. Mic. Univ. Recife*, 289, p. 4, 1960.—Sphaeropsidales. Sp. typ.: *A. mirabilis*.

— **mirabilis** Arx in *Publ. Inst. Mic. Univ. Recife*, 289, p. 5, 1960 on leaves of *Rourea glabra*.—Brazil.

Actinothyrium ingae Batista in *Rev. Soc. bras. Agron.*, 12, p. 52, 1956 on leaves of *Inga*.—Brazil.

Agaricus arenophilus Huijsman nom. nov. in *Persoonia*, 1, 3, p. 324, 26 August 1960. (Syn. *Psalliota arenicola* Wakef. & Pears., 1946, non *Agaricus arenicola* Fr., 1874).

— **devoniensis** Orton nom. nov. in *Trans. Brit. mycol. Soc.*, 43, p. 173, 25 August 1960. (Syn. *Psalliota arenicola* Wakef. & Pearson, 1946, non *Agaricus arenicola* Berk., 1843, nec *A. arenicola* Fr., 1874).

— **gennadii** (Chatin & Boud.) Orton in *Trans. Brit. mycol. Soc.*, 43, p. 174, 1960. (Syn. *Chitonia gennadii* Chatin & Boud.).

— **luteolorufescens** Orton in *Trans. Brit. mycol. Soc.*, 43, p. 182, 1960.—England.

— **niveolutescens** Huijsman in *Persoonia*, 1, 3, p. 321, 1960.—France.

— **porphyrizon** Orton nom. nov. in *Trans. Brit. mycol. Soc.*, 43, p. 174, 1960. (Syn. *Agaricus purpurascens* (Cooke) Pilát, 1951, non *A. purpurascens* Fr. ex Sevr., 1833).

— **vinosobrunneus** Orton in *Trans. Brit. mycol. Soc.*, 43, p. 183, 1960 in deciduous woods.—England.

Agrocybe attenuata (Kühn.) Orton in *Trans. Brit. mycol. Soc.*, 43, p. 174, 1960. (Syn. *Agrocybe firma* (Peck) Singer var. *attenuata* Kühn.).

— **dura** (Bolt. ex Fr.) Singer var. **xanthophylla** (Bres.) Orton in *Trans. Brit. mycol. Soc.*, 43, p. 174, 1960. (Syn. *Pholiota dura* Bolt. ex Fr. var. *xanthophylla* Bres.).

— **ombrophila** (Fr.) Konrad & Maublanc, *Les Agaricales, Agaricaceae* (*Encycl. Mycol.*, 14), p. 160, 1949. (Syn. *Agaricus ombrophilus* Fr.).

— **tabacina** (DC. ex Fr.) Konrad & Maublanc,

Les Agaricales, Agaricaceae (*Encycl. Mycol.*, 14), p. 162, 1949. (Syn. *Agaricus tabacinus* DC. ex Fr.).

— **temulenta** (Fr.) Orton in *Trans. Brit. mycol. Soc.*, 43, p. 174, 1960. (Syn. *Agaricus temulentus* Fr.). [See also *A. temulenta* (Ricken non Fr.) Singer, syn. *Naucoria temulenta* [Fr. sensu] Ricken, in *Beih. bot. Zbl.*, 56, Abt. B, 1-2, p. 167, 1936.]

Aldridgea ignatiana Rick in *Iheringia*, Sér. bot., 4, p. 63, 1959 on wood.—Brazil.

Aleurodiscus bicolor Rick in *Iheringia*, Sér. bot., 4, p. 113, 1959 on wood.—Brazil.

— **cinnamomeus** Rick in *Iheringia*, Sér. bot., 4, p. 113, 1959 on bark.—Brazil.

— **strumosoides** Rick in *Iheringia*, Sér. bot., 4, p. 113, 1959 on wood.—Brazil.

Allescheriella incognita Batista & Maia in *Atas Inst. Mic. Univ. Recife*, 1, p. 248, 1960 from the air.—Brazil.

Amanita agglutinata (Berk. & Curt.) Singer in *Lilloa*, 22 (1949), p. 387, 1951. (Syn. *Agaricus agglutinatus* Berk. & Curt.).

— **clarisquamosa** (Imai) Imai in S. Ito, *Mycological Flora of Japan*, 2 (5), p. 250, 1959. (Syn. *Amanitopsis clarisquamosa* Imai).

Amazonia pipericola Batista & Taltasse in *Brotéria*, N.S., 29, p. 77, 1960 on leaves of *Piper scabrum*.—Jamaica.

AMAZONIELLA Batista & Maia in *Brotéria*, N.S., 29, p. 80, 1960.—Meliolaceae. Sp. typ.: *A. straussiae*.

— **straussiae** Batista & Maia in *Brotéria*, N.S., 29, p. 82, 1960 on leaves of *Straussia*.—Hawaii.

AMPULLIFERA Deighton in *Mycol. Pap., C.M.I.*, 78, p. 36, 1960.—Moniliales. Sp. typ.: *A. foliicola*.

— **foliicola** Deighton in *Mycol. Pap., C.M.I.*, 78, p. 36, 1960 associated with lichens and algae on leaves of *Cola verticillata*.—Ghana.

— **leonensis** Deighton in *Mycol. Pap., C.M.I.*, 78, p. 41, 1960 associated with lichens and algae on leaves of *Homalium letestui*.—Sierra Leone.

— **ugandensis** Deighton in *Mycol. Pap., C.M.I.*, 78, p. 39, 1960 associated with lichens and algae on leaves of *Mitragyna stipulosa*.—Uganda.

Anisostomula rubescens (Ell. & Ev.) Barr in *Rhodora*, **62**, 739, p. 194, July 1960. (Syn. *Laestadia rubescens* Ell. & Ev.).

ANKISTROCLADIUM Perrott in *Trans. Brit. mycol. Soc.*, **43**, p. 557, 1960.—Moniliales. Sp. typ.: *A. fuscum*.

— *fuscum* Perrott in *Trans. Brit. mycol. Soc.*, **43**, p. 557, 1960 on submerged twigs of *Quercus*.—England.

Anthoseptobasidium flavocremeum Rick [as 'flavo-cremeum'] in *Iheringia*, Sér. bot., **2**, p. 22, 1958.—Brazil.

— *rhabarbarinum* (Mont.) Rick in *Iheringia*, Sér. bot., **2**, p. 21, 1958. (Syn. *Daedalea rhabarbarina* Mont.).

— *taquarae* Rick, 1943 (in error as 'faquarae') [this Index, **1**, p. 105]. Orthography corrected by Rick in *Iheringia*, Sér. bot., **2**, p. 21, 1958. On dead *Bambusa* ('Taquara').

APLANOPSIS Höhnk in *Veröff. Inst. Meeresforsch. Bremerhaven*, **1**, p. 127, 1952.—Saprolegniales.

— *terrestris* Höhnk in *Veröff. Inst. Meeresforsch. Bremerhaven*, **1**, p. 127, 1952 from moist soil.—Germany.

Apodachlya brachynema (Hildebr.) Pringsh. forma *major* (Tiesenhausen) Sparrow, *Aquatic Phycomycetes*, Ed. 2, p. 877, 1960. (Syn. *Apodachlya brachynema* (Hildebr.) Pringsh. var. *major* Tiesenhausen).

— *pyrifera* Zopf forma *macrosporangia* (Tiesenhausen) Sparrow, *Aquatic Phycomycetes*, Ed. 2, p. 879, 1960. (Syn. *Apodachlya pyrifera* Zopf var. *macrosporangia* Tiesenhausen).

Aposphaeria halimodendri Gucevitz in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*) **13**, p. 250, 1960 on dry stems of *Halimodendron halodendron*.—Tauria, U.S.S.R.

— *phellodendri* Gucevitz in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **13**, p. 264, 1960 on wood of *Phellodendron amurense*.—Tauria, U.S.S.R.

Archnopeziza platoniae Batista & Peres in *Brotéria*, N.S., **29**, 3–4, p. 123, 1960 on leaves of *Platonia insignis*.—Brazil.

Arachnoscypha aranea (De Not.) Boudier ex Dennis in *Micol. Pap.*, *C.M.I.*, **32**, p. 87, 1949. (Syn. *Peziza aranea* De Not.).

Arcangelia mitsueae Imai in *Sci. Rep. Yokohama Univ.*, Sect. 2, **6**, p. 5, 1957.—Japan.

Armillaria edodes Berk. forma *sterilis* Iwade in *Bull. Tokyo Univ. For.*, **33**, p. 56, 1944.—Japan. (Alternative name for *Cortinellus edodes* (Berk.) Sawada forma *sterilis* Iwade.)

ARNAUDIA Batista in *Publ. Inst. Mic. Univ. Recife*, **226**, p. 5, 1960.—Asterinaceae. Sp. typ.: *A. quericina*.

— *quericina* Batista & Maia in *Publ. Inst. Mic. Univ. Recife*, **226**, p. 6, 1960 on leaves of *Quercus chrysolepis*.—Oregon, U.S.A.

Arrhytidea gloeocystidifera Rick in *Iheringia*, Sér. bot., **2**, p. 51, 1958 on wood.—Brazil.

— *nivea* Rick in *Iheringia*, Sér. bot., **2**, p. 51, 1958.—Brazil.

ARTALLENDEA Batista & Maia in *Atas Inst. Mic. Univ. Recife*, **1**, p. 221, 1960.—Meliolaceae. Sp. typ.: *A. cinnamomi*.

— *cinnamomi* Batista & Maia in *Atas Inst. Mic. Univ. Recife*, **1**, p. 222, 1960. on leaves of *Cinnamomum pedunculatum*.—Japan.

***Arthrobotrys straminicola** Pidoplichko,

Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 241, 1953.

Arthrobotryum formosum Batista & Bezzera in *Atti Ist. bot. Univ. Pavia*, Sér. 5, **18**, p. 160, 1960 on indet. leaves.—Brazil.

ARTHROCLADIUM Vassilkov in *J. Bot. U.S.S.R.* (*Bot. Zh. S.S.S.R.*), **45**, p. 1368, 1960. (**Arthrocycla Golovin*, 1956 [this Index **2**, p. 422], non Duby, 1830 [Algae]). Sp. typ.: *A. lycii*.

†— *lycii* (Lasch) Vassilkov in *J. Bot. U.S.S.R.* (*Bot. Zh. S.S.S.R.*), **45**, p. 1368, 1960. (Syn. *Erysiphe lycii* Lasch).

Arthroderma tuberculatum Kuehn in *Mycopathologia*, **13**, p. 190, 1960 from feathers of a robin [*Erythacus*].—Illinois, U.S.A.

†**Ascochyta avenae** (Petrak) Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 350, 1953. (Syn. *Ascochytyella avenae* Petrak). [Combination already made by Sprague & Johnson, 1948 (this Index, **1**, p. 237).]

— *typhoidearum* (Desm.) Cunnell, 1959 (this Index, **2**, p. 534). Combination already made by Höhnk in *S. B. Akad. Wiss. Wien, Abt. 1*, **111**, p. 995, 1902.

***Ascophanus aurantiacus** Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 96, 1953.

— *vinosus* (Berk.) Dennis, *British Cup Fungi and their Allies*, p. 41, 1960. (Syn. *Ascobolus vinosus* Berk.).

ASCOSPARASSIS Kobayasi in *Bull. nat. Sci. Mus. Tokyo*, **5**, 1 (no. 46), p. 45, 1960.—Sclerotiniaceae. Sp. typ.: *A. shinmizuensis*.

— *shinmizuensis* Kobayasi in *Bull. nat. Sci. Mus. Tokyo*, **5**, 1 (no. 46), p. 45, 1960 on ground amongst *Sasa senanensis*.—Japan.

Asteridiella rondeletiifolia Batista & Nascimento [as 'rondeletiifolia'] in *Atas Inst. Mic. Univ. Recife*, **1**, p. 16, 1960 on leaves of *Rondeletia*.—Puerto Rico.

Asterinema glabrata Batista & Maia var. *roupalae* Batista & Farr in *Atas Inst. Mic. Univ. Recife*, **1**, p. 372, 1960 on leaves of *Roupalia veraquensis*.—Costa Rica.

ASTÉRINOPELTIS Batista & Maia, 1958 (this Index, **2**, p. 534). Latin diagnosis in *Publ. Inst. Mic. Univ. Recife*, **226**, p. 10, 1960.

Asteroliberia gibbosa (Gaill.) Batista & Peres in *Publ. Inst. Mic. Univ. Recife*, **226**, p. 15, 1960. (Syn. *Asterina gibbosa* Gaill.). [Combination already made by Hansford, 1949 (this Index, **1**, p. 258).]

— *malpighii* Batista & Maia in *Publ. Inst. Mic. Univ. Recife*, **226**, p. 17, 1960 on leaves of Malpighiaceae.—Brazil.

ASTEROSTOMOPORA Batista & Maia in *Publ. Inst. Mic. Univ. Recife*, **221**, p. 5, 1960.—Asterinothyriaceae. Sp. typ.: *A. jamaicensis*.

— *jamaicensis* Batista & Maia in *Publ. Inst. Mic. Univ. Recife*, **221**, p. 5, 1960 on indet. leaves.—Jamaica.

Asterostroma sordidum (Rick) Rick in *Iheringia*, Sér. bot., **4**, p. 116, 1959. (Syn. *Gloeasterostroma sordidum* Rick). [Non *Asterostroma sordidum* Rick, 1938 (*Petrak's List*, **8**).]

Asterostromella alboviridiflava Rick [as 'albo-viridi-flava'] in *Iheringia*, Sér. bot., **4**, p. 117, 1959 on bark.—Brazil.

— *calospora* Rick in *Iheringia*, Sér. bot., **4**, p. 118, 1960 on bark.—Brazil.

[*Asterostromella*] *lateritia* Rick in *Iheringia*, Sér. bot., 4, p. 118, 1959 on bark.—Brazil.

— *taquarae* Rick var. *robusta* Rick in *Iheringia*, Sér. bot., 4, p. 116, 1959 on bark.—Brazil.

— *triangulispora* Rick in *Iheringia*, Sér. bot., 4, p. 118, 1959 on bark.—Brazil.

Atractina triseptata Batista & Bezerra in *Atti Ist. bot. Univ. Pavia*, Ser. 5, 18, p. 161, 1960 on leaves of *Esenbeckia macrocarpa*.—Brazil.

Aulographella anthurii Batista in *An. Soc. Biol. Pernambuco*, 16, p. 130, 1959 on leaves of *Anthurium*.—Brazil.

Auricularia albida (Romell) Rick in *Iheringia*, Sér. bot., 2, p. 24, 1958. (Syn. *Hirneola albida* Romell).

†— *auricula-judae* (Linn.) Schroet. var. *delicata* (Fr.) Rick in *Iheringia*, Sér. bot., 2, p. 22, 1958. [Syn. *Laschia delicata* Fr.].

— var. *polytricha* (Mont.) Rick in *Iheringia*, Sér. bot., 2, p. 22, 1958. (Syn. *Hirneola polytricha* Mont.).

†— var. *tremellosa* (Fr.) Rick in *Iheringia*, Sér. bot., 2, p. 22, 1958. [Syn. *Laschia tremellosa* Fr.].

— forma *mollissima* Kobayasi in *Bull. cent. nat. Mus. Manchoukuo*, 4, p. 29, 1942 on frondose wood.—Manchuria.

— *discensa* Lloyd var. *macrospora* Rick in *Iheringia*, Sér. bot., 2, p. 23, 1958.—Brazil.

— *hispida* Iwade in *Bull. Tokyo Univ. For.*, 33, p. 51, 1944 on fallen trunks of *Ulmus campestris* var. *laevis*.—Japan.

— *leuochroma* Kobayasi in *Bull. cent. nat. Mus. Manchoukuo*, 4, p. 26, 1942 on dead trunk of *Hibiscus glaber*.—Bonin Islands, Japan.

— *polytricha* (Mont.) Sacc. forma *tenuis* Kobayasi in *Bull. cent. nat. Mus. Manchoukuo*, 4, p. 33, 1942.—Micronesia.

— *semipellucida* Kobayasi in *Bull. cent. nat. Mus. Manchoukuo*, 4, p. 25, 1942 on dead frondose wood.—Formosa.

Balansia heringeri Batista & Peres in *Publ. Inst. Mic. Univ. Recife*, 277, p. 5, 1960 on stems of Gramineae.—Brazil.

Balladyna chiococcae Batista & Nascimento in *Atas Inst. Mic. Univ. Recife*, 1, p. 17, 1960 on leaves of *Chiococca alba*.—Puerto Rico.

Bankera mollis (Karst.) Maas Geesteranus in *Persoonia*, 1, 3, p. 369, 1960. (Syn. *Tyrodon mollis* Karst.).

Basidiolodendron luteogriseum Rick var. *flavescens* Rick in *Iheringia*, Sér. bot., 4, p. 124, 1959.—Brazil.

— var. *gloeocystidifera* Rick in *Iheringia*, Sér. bot., 4, p. 124, 1959.—Brazil.

BATISTINULA Arx in *Publ. Inst. Mic. Univ. Recife*, 287, p. 4, 1960.—Asterinaceae. Sp. typ.: *B. gallesiae*.

— *gallesiae* Arx in *Publ. Inst. Mic. Univ. Recife*, 287, p. 6, 1960 on leaves of *Gallesia gorazema*.—Brazil.

Battarea japonica Otani [as '(Kawam.) Otani comb. nov.'], in *Trans. mycol. Soc. Japan*, 2, 4, p. 13, 1960 on the ground.—Japan. (**Dictycephalos japonicus* Kawamura [this Index, 2, p. 342].)

Beelia philippensis Batista & Costa in *An. Soc. Biol. Pernambuco*, 16, p. 131, 1959 on indet. leaves.—Philippine Islands.

BERTRANDIELLA Heim in *Rev. Mycol. Paris*, N.S., 24, p. 192, 1959.—Agaricaceae.

*— *ianthina* Heim in *Rev. Mycol., Paris*, N.S., 24, p. 185, 1959 and in *C.R. Acad. Sci. Paris*, 246, p. 3563, 1958.—Mexico.

Biharia smilacis Agarwal in *J. Indian bot. Soc.*, 39, p. 354, 1960 on leaves of *Smilax macrophylla*.—Jabalpur, India.

Blastocladiella stomophilum (Couch & Cox) Couch & Whiffen in *Amer. J. Bot.*, 29, pp. 587 and 588, 1942. (Syn. *Clavochytridium stomophilum* Couch & Cox).

— *stuebenii* Couch & Whiffen [as 'Stübenii'] nom. nov. in *Amer. J. Bot.*, 29, p. 588, 1942. (Syn. *Sphaerocladina variabilis* Stüben, 1939, non *Blastocladiella variabilis* (Harder & Sörgel) Harder & Sörgel, 1939).

***BLUMERIA** Golovin in *Sborn. Rab. Inst. Prikl. Zool. Fitopat.*, 5, p. 124, 1958.—Erysiphales.

Boletus carpini (R. Schulz) Pearson in *Naturalist, Lond.*, July—Sept. 1946, no. 818, p. 96, 1946 (without citation of basonym), and in *Trans. Brit. mycol. Soc.*, 29, 4, p. 207, 1947. (Syn. *Boletus scaber* Bull. ex Fr. var. *carpini* R. Schulz).

BOTRYOBASIDIUM Rick in *Iheringia*, Sér. bot., 4, p. 98, 1959.—Thelephoraceae. [Non *Botryobasidium* Donk, 1931.]

— *pteridophytorum* Rick in *Iheringia*, Sér. bot., 4, p. 98, 1959 on stems of *Pteris*.—Brazil.

— *rude* Rick in *Iheringia*, Sér. bot., 4, p. 99, 1959 on *Eucalyptus* bark.—Brazil.

— *tenue* Rick in *Iheringia*, Sér. bot., 4, p. 98, 1959 on bark.—Brazil.

BOTRYOCHAETE Rick in *Iheringia*, Sér. bot., 4, p. 122, 1959.—Thelephoraceae.

— *flavissima* Rick in *Iheringia*, Sér. bot., 4, p. 122, 1959.—Brazil.

— *laxa* Rick in *Iheringia*, Sér. bot., 4, p. 122, 1959 on wood.—Brazil.

— *prima* Rick in *Iheringia*, Sér. bot., 4, p. 122, 1959 on bark.—Brazil.

†*Botryosphaeria uleana* (Rehm) Batista & Vital in *Atas Inst. Mic. Univ. Recife*, 1, p. 77, 1960. (Syn. *Bagnisia uleana* Rehm).

***Botryotrichum piluliferum** Sacc. & March. var. *baschkiriense* Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 264, 1953.

***Botrytis setuligera** Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 184, 1953.

Bovista ruizii Herrera in *An. Inst. Biol. Univ. Mex.*, 30 (1959), p. 35, 1960.—Mexico.

Brachysporiella cordiae Batista in *Atas Inst. Mic. Univ. Recife*, 1, p. 250, 1960 on branches of *Cordia trichostoma*.—Brazil.

Brevilegnia minutandra Höhnk in *Veröff. Inst. Meeresforsch. Bremerhaven*, 1, p. 127, 1952 from riverain soil.—Germany.

— *parvispora* Höhnk in *Veröff. Inst. Meeresforsch. Bremerhaven*, 1, p. 127, 1952 from inundated soil.—Germany.

Bulliardella ampla (Berk. & Br.) Dennis, *British Cup Fungi and their Allies*, p. 262, 1960. (Syn. *Aylographum amplum* Berk. & Br.).

Calicium magellanicum Speg. var. *brasiliense* Batista & Nascimento [as 'brasiliensis'] in *Atas Inst. Mic. Univ. Recife*, 1, p. 237, 1960 on dead wood.—Brazil.

Calodon alboniger (Peck) S. Ito [as 'albonigrum'], *Mycological Flora of Japan*, 2 (4), p. 181, 1955. (Syn. *Hydnus albonigrum* Peck).

[*Calodon*] *olidus* (Berk.) S. Ito [as 'olidum'], *Mycological Flora of Japan*, 2(4), p. 177, 1955. (Syn. *Hydnellum olidum* Berk.).

— *putidus* (Atk.) S. Ito [as 'putidum'], *Mycological Flora of Japan*, 2(4), p. 180, 1955. (Syn. *Hydnellum putidum* Atk.).

Calothryiolum vacciniae Batista & Maia in *An. Soc. Biol. Pernambuco*, 16, p. 21, 1959 on leaves of *Vacciniaceae*.—Costa Rica.

Camarophyllum carnescens (Imai) S. Ito, *Mycological Flora of Japan*, 2(5), p. 72, 1959. (Syn. *Hygrophorus carnescens* Imai).

— *chrysocoonos* (Imai) S. Ito, *Mycological Flora of Japan*, 2(5), p. 72, 1959. (Syn. *Hygrophorus chrysocoonos* Imai).

— *fuscovillosum* (Imai) S. Ito, *Mycological Flora of Japan*, 2(5), p. 72, 1959. (Syn. *Hygrophorus fuscovillosum* Imai).

— *microbicolor* S. Ito, nom. nov. [as 'microbicolor (S. Ito & Imai)'], *Mycological Flora of Japan*, 2(5), p. 71, 1959. (Syn. *Hygrophorus bicolor* S. Ito & Imai, 1939, non Karsten, 1884).

— *subniveus* (Imai) S. Ito, *Mycological Flora of Japan*, 2(5), p. 69, 1959. (Syn. *Hygrophorus subniveus* Imai).

Camarosporium acanthophylli Kalymbetov in Бот. матер. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.), 13, p. 247, 1960 on *Acanthophyllum*.—U.S.S.R.

— *ammodendri* Kalymbetov in Бот. матер. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.), 13, p. 248, 1960 on rotten branches of *Ammodendron conollyi*.—U.S.S.R.

— *arbuti* M. Bondartzeva in Бот. матер. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.), 13, p. 206, 1960 on dry branches of *Arbutus andrachne*.—U.S.S.R. .

— *astragali* Golovin, 1950 (this Index, 2, p. 537), is a later homonym of *C. astragali* Höhnel, 1905.

— *caesalpiniae* Kalymbetov in Бот. матер. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.), 13, p. 248, 1960 on dry branches of *Caesalpinia gilliesii*.—U.S.S.R.

— *celtidis* Gucevitz, 1959 (this Index, 2, p. 537), is a later homonym of *C. celtidis* Ell. & Ev., 1894.

— *euotiae* Kalymbetov in Бот. матер. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.), 13, p. 248, 1960 on leaves of *Eurotia ceraoides*.—U.S.S.R.

— *hippophaeae* Gucevitz in Бот. матер. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.), 13, p. 255, 1960 on dry stems of *Hippophae rhamnoides*.—Tauria, U.S.S.R.

— *hymenocrateris* Kalymbetov in Бот. матер. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.), 13, p. 248, 1960 on *Hymenocarper bituminosus*.—U.S.S.R.

— *meliae* Annaliev in Вестн. москов. унив. (Vestn. Moskov. Univ.), Ser. biol., 15, p. 58, 1960 on dry branches of *Melia azedarach*.—Turkmen SSR.

— *noaeae* Kalymbetov in Бот. матер. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.), 13, p. 248, 1960 on *Noaea spinosissima*.—U.S.S.R.

— *pegani* Gucevitz in Бот. матер. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.), 13, p. 256, 1960 on dry stems of *Peganum harmala*.—Tauria, U.S.S.R.

— *pterocaryae* Gucevitz [as 'pterocarya'] in Бот. матер. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.), 13, p. 256, 1960 on dry stems of *Pterocarya fraxinifolia*.—Tauria, U.S.S.R.

— *reaumuriae* Kalymbetov in Бот. матер. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.), 13, p. 248, 1960 on *Reaumuria*.—U.S.S.R.

— *tauriae* Gucevitz in Бот. матер. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.), 13, p. 257, 1960 on dry stems of *Elaeagnus argentea*.—Tauria, U.S.S.R.

— *xanthoceratis* Gucevitz in Бот. матер. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.), 13, p. 258, 1960 on dry branches of *Xanthoceras sorbifolium*.—Tauria, U.S.S.R.

**Candida guilliermondii* (Cast.) Lang. & Guer. var. *nitratophila* Knüsel in *Mikrobiol.* 27, p. 250, 1957. [See also *Candida guilliermondii* var. *nitratophila* Diddens & Lodder, 1942 (this Index, 1, p. 146).]

— *humicola* (Dasz.) Knüsel in *Mikrobiol.*, 27, p. 266, 1957. (Syn. *Torula humicola* Dasz.). [Combination already made by Diddens & Lodder, 1942 (this Index, 1, p. 146).]

*— *krusei* (Cast.) Berkh. var. *komabaensis* Kobayashi in *Rep. Wood Saccharification Discussion Ctee (Japan)*, 2, p. 92, 1953 from indet. flower.—Japan.

— *lipolytica* (Harrison) Knüsel in *Mikrobiol.*, 27, p. 321, 1957. (Syn. *Mycotorula lipolytica* Harrison). [Combination already made by Diddens & Lodder, 1942 (this Index, 1, p. 146).]

*— *parapsilosis* (Ashf.) Lang. & Tal. var. *japonica* Kobayashi in *Rep. Wood Saccharification Discussion Ctee (Japan)*, 2, p. 90, 1953 from the air.—Japan.

*— var. *komabaensis* Kobayashi in *Rep. Wood Saccharification Discussion Ctee (Japan)*, 2, p. 90, 1953 from the air.—Japan.

*— var. *tokyoensis* Kobayashi in *Rep. Wood Saccharification Discussion Ctee (Japan)*, 2, p. 90, 1953 from bark.—Japan.

*— *tropicalis* (Cast.) Berkhout var. *japonica* Kobayashi in *Rep. Wood Saccharification Discussion Ctee (Japan)*, 2, p. 88, 1953 from *Phoenix dactylifera* fruit.—Japan.

*— var. *tokyoensis* Kobayashi in *Rep. Wood Saccharification Discussion Ctee (Japan)*, 2, p. 89, 1953 from *Ficus* fruit.—Japan.

CANTERIOMYCES Sparrow, *Aquatic Phycomycetes*, Ed. 2, p. 750, 1960.—*Hypo-chytriales*.

— *stigeoclonii* (de Wild.) Sparrow, *Aquatic Phycomycetes*, Ed. 2, p. 750, 1960 (Syn. *Olpidium stigeoclonii* de Wild.).

Cantharellula expallens (Pers. ex Fr.) Orton in *Trans. Brit. mycol. Soc.* 43, p. 174, 1960. (Syn. *Agaricus expallens* Pers. ex Fr.).

Cantharellus purpuraceus Iwade in *Bull. Tokyo Univ. For.*, 33, p. 54, 1944.—Japan.

— *violaceus* Iwade in *Bull. Tokyo Univ. For.*, 33, p. 55, 1944.—Japan. [Non *C. violaceus* Fr., 1821.]

CAPSULOTHECA Kamyschko in Бот. матер. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.), 13, p. 162, 1960.—*Plectascales*. Sp. typ.: *C. aspergilloides*.

— *aspergilloides* Kamyschko in Бот. матер. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.), 13, p. 162, 1960 from soil.—U.S.S.R.

CARNIA Batista & Peres in *Publ. Inst. Mic. Univ. Recife*, 248, p. 4, 1960.—*Pezizales*. Sp. typ.: *C. tabebuiae*.

— *tabebuiae* Batista & Peres in *Publ. Inst.*

Mic. Univ. Recife, 248, p. 5, 1960 on leaves of *Tabea*—Brazil.

Catenaria vermicola Birchfield in *Mycopathologia*, 13, p. 332, 1960 on *Xiphinema chambersi*.—Louisiana, U.S.A.

†**Cephalosporium atrum** (Corda) Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 177, 1953. (Syn. *Hyalopus ater* Corda).

†**oudemansi** Pidoplichko nom. nov., Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 176, 1953. (Syn. *Tilachlidium humicola* Oudem. non *Cephalosporium humicola* Oudem.).

Ceracea aurea Rick in *Iheringia*, Sér. bot., 2, p. 51, 1958 on bark.—Brazil.

—**brasiliensis** Rick in *Iheringia*, Sér. bot., 2, p. 50, 1958 on mouldy wood.—Brazil.

—**sub sulphurea** Rick in *Iheringia*, Sér. bot., 2, p. 50, 1958 on bark.—Brazil.

Ceratobasidium incrustans Rick in *Iheringia*, Sér. bot., 2, p. 100, 1959 on bark.—Brazil.

***Cercospora abelmoschi-cannabini** Frasad, Mathur & Agnihotri [as '(Sawada)'] in *Sci. & Cult.*, 25, p. 600, 1960 on leaves of *Hibiscus cannabinus*.—Rajasthan, India. (Syn. *Cercospora hibisci-cannabini* Sawada).

—**acediicola** Rao & Salam in *Sci. & Cult.*, 25, p. 601, 1960 on *Trochodium sampathens* on *Argyreia cymosa*.—Hyderabad, India.

—**alyiscarpi** Munjal, Lall & Chona in *Indian Phytopath.*, 12 (1959), 2, p. 131, 1960 on leaves of *Alysicarpus*.—Delhi, India.

—**buteae** Munjal, Lall & Chona in *Indian Phytopath.*, 12 (1959), 2, p. 133, 1960 on leaves of *Butea frondosa*.—Uttar Pradesh, India.

—**gaillardiae** Chiddarwar in *Indian Phytopath.*, 12 (1959), 2, p. 112, 1960 on leaves of *Gaillardia pulchella*.—Bombay State, India.

—**hitcheniae** Chiddarwar in *Indian Phytopath.*, 12 (1959), 2, p. 112, 1960 on leaves of *Hitchenia caulinia*.—Bombay State, India.

—**holopteleae** Chiddarwar in *Indian Phytopath.*, 12 (1959), 2, p. 113, 1960 on leaves of *Holoptelea integrifolia*.—Bombay State, India.

—**ipomoeae-illustris** Chiddarwar [as 'ipomoeae-illustriae'] in *Indian Phytopath.*, 12 (1959), 2, p. 114, 1960 on leaves of *Ipomoea illustris*.—Bombay State, India.

—**kamatensis** Chiddarwar [as 'kamatense'] in *Indian Phytopath.*, 12 (1959), 2, p. 114, 1960 on leaves of *Cryptolepis buchanani*.—Bombay State, India.

—**lantanae-indicae** Munjal, Lall & Chona in *Indian Phytopath.*, 12 (1959), 2, p. 134, 1960 on leaves of *Lantana indica*.—Uttar Pradesh, India.

—**leiae** Chiddarwar in *Indian Phytopath.*, 12 (1959), 2, p. 115, 1959 on leaves of *Leea sambucina*.—Bombay State, India.

—**leptadeniae** Chiddarwar in *Indian Phytopath.*, 12 (1959), 2, p. 115, 1960 on leaves of *Leptadenia reticulata*.—Bombay State, India.

*—**leptadeniae** Prasad, Singh & Bhatnagar in *Curr. Sci.*, 29, p. 484, 1960 on leaves of *Leptadenia reticulata*.—Udaipur, India. [See also *C. leptadeniae* Chiddarwar, 1960, above.]

—**linariae** Chiddarwar in *Indian Phytopath.*, 12 (1959), 2, p. 116, 1960 on leaves of *Linaria ramosissima*.—Bombay State, India.

*—**lythracearum** Heald & Wolf var. **macrophora** Chiddarwar in *Indian Phytopath.*, 12 (1959), 2, p. 116, 1960 on leaves of *Lagerstroemia lanceolata*.—Bombay State, India.

—**malvacearum** Chiddarwar in *Indian Phytopath.*, 12 (1959), 2, p. 119, 1960 on leaves of *Abutilon indicum*.—Bombay State, India.

—**oleacearum** Chiddarwar in *Indian Phytopath.*, 12 (1959), 2, p. 119, 1960 on leaves of *Ligustrum neilgherrense*.—Bombay State, India.

*—**petuniae** (Saito) Muller & Chupp var. **brevipedicellata** Chiddarwar in *Indian Phytopath.*, 12 (1959), 2, p. 120, 1960 on leaves of *Petunia variabilis*.—Bombay State, India.

—**plumeriifolii** Batista & Peres [as 'plumeriifolii'] in *Publ. Inst. Mic. Univ. Recife*, 262, p. 23, 1960 on leaves of *Plumeria obovata*.—Brazil.

—**pycanthemicola** Munjal, Lall & Chona in *Indian Phytopath.*, 12 (1959), 2, p. 135, 1960 on leaves of *Pycnanthemum*.—Delhi, India.

—**riveae** Rao & Salam in *Sci. & Cult.*, 25, p. 602, 1960 on *Trochodium ajrekarii* on *Rivea ornata*.—Hyderabad, India.

—**roupalae** Batista & Peres in *Publ. Inst. Mic. Univ. Recife*, 262, p. 30, 1960 on leaves of *Roupala brasiliensis*.—Brazil.

—**tabernaemontanae** Thirumalachar & Govindu, 1953 (this *Index*, 2, p. 144), is a later homonym of *C. tabernaemontanae* H. & P. Sydow, 1913.

—**triumfeticola** Munjal, Lall & Chona in *Indian Phytopath.*, 12 (1959), 2, p. 135, 1960 on leaves of *Triumfetta rotundifolia*.—Delhi, India.

Cerrena meyenii (Klotzsch) Hansen, *The Natural History of Rennell Island, British Solomon Islands*, 3, p. 129, 1960. (Syn. *Polyporus meyenii* Klotzsch).

Chaetomelasma komarnitzkyi Annaliev in *БЕСТН. МОСКОВ. УНИВ. (Vestn. Moskov. Univ.)*, Ser. biol., 15, 4, p. 58, 1960 on *Hedysarum*, *Astragalus brevidens* and *Vicia iranica*.—Turkmen SSR.

Chaetomium minimum Van Beyma in *Antonie van Leeuwenhoek*, 10, p. 41, 1944 from soil.—Netherlands.

—**subglobosum** Sergejeva in *Бот. матер. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, 13, p. 172, 1960 on filter paper, from soil and on dead herbaceous stems.—U.S.S.R.

—**subspirilliferum** Sergejeva in *Бот. матер. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, 13, p. 174, 1960 from soil.—Altai Territory, U.S.S.R.

—**tenuissimum** Sergejeva in *Бот. матер. (Not. syst. Sect. crypt. Inst. Bot. Acad. Sci. U.S.S.R.)*, 13, p. 169, 1960 from soil.—Siberia, U.S.S.R.

Chaetophoma berberidina Gucevicz in *Бот. матер. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, 13, p. 193, 1960 on *Berberis vulgaris*.—Tauria, U.S.S.R.

Chaetostroma compactum Babajan & Negru [as 'compacta'] apud Negru in *Izv. Acad. Sci. Armyan S.S.R.*, 13, 2, p. 88, 1960 on branch of *Rosa canina*.—Romania.

Chaetothyriina mundkuri Tilak [as 'mundkuri'] apud Viswanathan & Tilak in *Mycopathologia*, 13, p. 242, 1960 on leaves of *Chonemorpha fragrans*.—India.

Chelymenia vitellina (Pers. ex Fr.) Dennis, *British Cup Fungi and their Allies*, p. 27, 1960. (Syn. *Peziza vitellina* Pers. ex Fr.).

Chytridium cejpiae Fott in *Věstn. Král. Čes. Spol. Nauk Tř. Matem.-Přírodot.*, Ročník

1950, Číslo IV, p. 9, 1951 on *Vaucheria sessilis*.—Czechoslovakia.

[**Chytridium chlorobotrys** Fott [as 'chlorobotrys'] in *Preslia*, **24**, p. 202, 1952 in *Chlorobotrys polychloris*.—Czechoslovakia.

— **isthmiophilum** Canter in *Trans. Brit. mycol. Soc.*, **43**, p. 660, 1960 on *Stauromesmus curvatus*.—England.

— **melosirae** Sparrow, *Aquatic Phycomycetes*, Ed. 2, p. 506, 1960 on *Melosira ambigua*.—Sweden.

— **microcystidis** Skuja in *Symb. bot. up-saliens.*, **9**, 3, p. 382, 1948 on *Microcystis*.—Sweden.

— **oocystidis** Huber-Pestalozzi in *Z. Hydrol.*, **10**, 1, p. 120, 1944 on *Oocystis lacustris*.—Switzerland.

Chytromyces verrucosus Karling in *Bull. Torrey bot. Cl.*, **87**, p. 327, 1960 on *Karlingia rosea*.—Indiana, U.S.A.

***Ciliocipodium proliferans** Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 301, 1953.

CIRCULOCOLUMELLA S. Ito & Imai in *Sci. Rep. Yokohama Univ.*, Sect. 2, **6**, p. 3, 1957.—Gasteromycetes.

— **hahashimensis** (S. Ito & Imai) S. Ito & Imai in *Sci. Rep. Yokohama Univ.*, Sect. 2, **6**, p. 4, 1957. (Syn. *Hysterangium hahashimense* S. Ito & Imai).

Cladochaete fevilleae Batista, Nascimento & Farr in *Atas Inst. Mic. Univ. Recife*, **1**, p. 332, 1960 on leaves of *Fevillea cordifolia*.—Dominican Republic.

Cladochytrium granulatum (Karling) Sparrow, *Aquatic Phycomycetes*, Ed. 2, p. 469, 1960. (Syn. *Nowakowskia granulata* Karling).

***Cladosporium atroseptum** Pidoplichko & Deniak in Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 268, 1953.

*— **brevicompactum** Pidoplichko & Deniak [as 'brevi-compactum'] in Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 271, 1953.

*— var. **tabacinum** Pidoplichko & Deniak in Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 272, 1953.

*— **chrysanthemi** Pidoplichko & Deniak in Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 272, 1953.

*— **elegantulum** Pidoplichko & Deniak in Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 270, 1953.

*— **gossypicola** Pidoplichko & Deniak [as 'gossypicola'] in Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 273, 1953.

*— var. **minor** Pidoplichko & Deniak in Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 273, 1953.

*— **griseo-olivaceum** Pidoplichko & Deniak in Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 271, 1953.

*— **hordei** (Bruhne) Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 268, 1953. (Syn. *Hormodendrum hordei* Bruhne). [Non *Cladosporium hordei* Pass., 1887.]

*— **linicola** Pidoplichko & Deniak in Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 267, 1953.

*— **ovorum** Pidoplichko & Deniak in Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 272, 1953.

*— **potebniae** Pidoplichko & Deniak in Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 270, 1953.

*— **straminicola** Pidoplichko & Deniak in Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 269, 1953.

*— **transchelii** Pidoplichko & Deniak in Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 273, 1953.

†— var. **semenicola** (Pidoplichko & Deniak) Pidoplichko & Bilai in Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 274, 1953. (Syn. *Cladosporium viridi-olivacearum* Pidoplichko & Deniak var. *semenicola* Pidoplichko & Deniak).

†— var. **viridi-olivacearum** (Pidoplichko & Deniak) Pidoplichko & Bilai in Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 274, 1953. (Syn. *Cladosporium viridi-olivacearum* Pidoplichko & Deniak).

— **trichoides** Emmons apud Binford, Thompson & Gorham in *Amer. J. clin. Path.*, **22**, p. 541, 1952 from man.—U.S.A.

Clavulinopsis miyabeana (S. Ito) S. Ito, *Mycological flora of Japan*, 2(4), p. 95, 1955. (Syn. *Clavaria miyabeana* S. Ito).

Clitocybe barbularum (Romagn.) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 174, 1960. (Syn. *Omphalia barbularum* Romagn.).

— **depauperata** (J. Lange) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 174, 1960. (Syn. *Clitocybe fragrans* (Sow. ex Fr.) Kummer var. *depauperata* J. Lange).

— **grandispora** P. Sossin in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **13**, p. 217, 1960.—Украина.

— **hudsoniana** (Jennings) Bigelow [as 'hudsonianus'] in *Rhodora*, **62**, 739, p. 189, July, 1960. (Syn. *Hygrophorus hudsonianus* Jennings).

— **incomis** (Karst.) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 174, 1960. (Syn. *Collybia incomis* Karst.).

— **langei** Hora in *Trans. Brit. mycol. Soc.*, **43**, p. 441, 1960 in pine woods.—England. (See also *C. langei* Singer, 1942 [this *Index*, **1**, p. 66], without Latin diagnosis.)

— **luffii** (Massee) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 174, 1960. (Syn. *Omphalia luffii* Massee). [Combination already made by Singer, 1943 (this *Index*, **2**, p. 231).]

— **pseudoclusilis** (Joss. & Konrad) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 174, 1960. (Syn. *Collybia pseudoclusilis* Joss. & Konrad).

— **querina** Hora [as 'Pearson'] in *Trans. Brit. mycol. Soc.*, **43**, p. 441, 1960.—England.

— **scyphoides** (Fr.) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 174, 1960. (Syn. *Agaricus scyphoides* Fr.).

— **squamulosoides** Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 187, 1960 in coniferous woods.—England.

— **striatula** (Kühn.) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 174, 1960. (Syn. *Rhodocybe striatula* Kühn.).

Clitopilus hobsonii (Berk.) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 174, 1960. (Syn. *Agaricus hobsonii* Berk.).

— **passeckerianus** (Pilát) Singer in *Lilloa*, **22** (1949), p. 607, 1951. (Syn. *Pleurotus passeckerianus* Pilát). [This antedates the combination by Lundell, 1953 (this *Index*, **2**, p. 376).]

Coccoidella dodoneae (Stev.) Batista in *Atas Inst. Mic. Univ. Recife*, **1**, p. 365, 1960. (Syn. *Dimerina dodoneae* Stev.).

Cocconia miconiae Batista & Vital in *Atas Inst. Mic. Univ. Recife*, **1**, p. 175, 1960 on dead leaves of *Miconia*.—Puerto Rico.

Cochliobolus victoriae Nelson in *Phytopathology*, **50**, p. 775, 1960 in culture from conidia of *Helminthosporium victoriae* on *Avena sativa*.—U.S.A.

Colletotrichum acalyphae Wilson in *Sci. & Cult.*, **26**, p. 87, 1960 on leaves of *Acalypha ciliata*.—Bombay State, India.

— **calotropidis** Rao & Salam in *J. Indian bot. Soc.*, **39**, p. 324, 1960 on leaves of *Calotropis gigantea*.—Hyderabad, India.

— **gompreniae** Rao & Salam in *J. Indian bot. Soc.*, **39**, p. 322, 1960 on leaves of *Gomphrena decumbens*.—Hyderabad, India.

— **leguminis** (Cooke & Harkn.) Negru in *Stud. Cercet. Biol. Acad. româna*, **11**, 4, p. 384, 1959. (Syn. *Gloeosporium leguminis* Cooke & Harkn.).

Collybia carbonaria (Vel.) Orton [as 'Collybia (*Tephrophana*)'] in *Trans. Brit. mycol. Soc.*, **43**, p. 174, 1960. (Syn. *Omphalia carbonaria* Vel.).

— **confusa** Orton [as 'Collybia (*Tephrophana*)'] in *Trans. Brit. mycol. Soc.*, **43**, p. 189, 1960 in woods (chiefly coniferous).—England.

— **fusispora** Hora [as 'Collybia (*Teph.*)'] in *Trans. Brit. mycol. Soc.*, **43**, p. 443, 1960.—England.

— **oreadooides** (Pass.) Orton [as 'Collybia (*Collybia*)'] in *Trans. Brit. mycol. Soc.*, **43**, p. 174, 1960. (Syn. *Marasmius oreadooides* Pass.).

— **putidella** Orton [as 'Collybia (*Tephrophana*)'] nom. nov. in *Trans. Brit. mycol. Soc.*, **43**, p. 174, 1960. (Syn. *Agaricus (Tricholoma) putidus* Fr., 1838, non *A. (Lepiota) putidus* Weinm., 1836).

— **sclerotipes** (Bres.) S. Ito, *Mycological Flora of Japan*, **2(5)**, p. 123, 1959. (Syn. *Marasmius sclerotipes* Bres.).

— **striaepilea** (Fr.) Orton [as 'Collybia (*Tephrophana*)'] in *Trans. Brit. mycol. Soc.*, **43**, p. 175, 1960. (Syn. *Agaricus striaepilea* Fr.).

— **subconiceps** (Murr.) Hesler in *J. Tenn. Acad. Sci.*, **34**, 3, p. 165, 1959. (Syn. *Gymnopus subconiceps* Murr.). [Combination made by Murrill, 1946 (this *Index*, **1**, p. 180), in error as 'subconica'.]

Coniophora albo-olivacea Rick in *Iheringia*, Sér. bot., **4**, p. 119, 1959 on bark.—Brazil.

† **Coniophorella crocea** (Karst.) Rick in *Iheringia*, Sér. bot., **4**, p. 120, 1959. (Syn. *Coniophora crocea* Karst.).

†— **umbrina** (Alb. & Schw. ex Fr.) Bres. var. **olivacea** (Fr.) Rick in *Iheringia*, Sér. bot., **4**, p. 120, 1959. (Syn. *Coniophora olivacea* (Fr.) Karst.).

Coniothyrium dicrani Maia & Peres in *Publ. Inst. Mic. Univ. Recife*, **267**, p. 11, 1960 on stem of *Dicranum scoparium*.—Hungary?

— **elaegni** N. Golovina in Bot. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **13**, p. 235, 1960 on branches of *Elaeagnus angustifolia*.—Uzbek SSR.

— **eurotiae** Kalymbetov in Bot. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **13**, p. 247, 1960 on stems of *Eurotia*.—U.S.S.R.

— **hypericicola** Gucevicz [as 'hypericolum'] in Bot. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **13**, p. 186, 1960 on dry stems of *Hypericum alpestre*.—Tauria, U.S.S.R.

— **smirnoviae** Golovin apud Kalymbetov in Bot. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **13**, p. 247, 1960 on *Smirnovia turkestanica*.—U.S.S.R.

Conocybe dumensis T. J. Wallace apud Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 192, 1960 on sand-dunes.—England.

— **magnicapitata** Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 193, 1960.—Wales.

— **percincta** Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 194, 1960 on rotting straw.—England.

— **rickeniana** Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 195, 1960.—England. (See also *C. rickeniana* Singer, 1951 [this *Index*, **2**, p. 75], without Latin diagnosis.)

— **subpubescens** Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 195, 1960.—England. (See also *C. subpubescens* Kühner, 1949 [this *Index*, **2**, p. 2], without Latin diagnosis.)

— **utriformis** Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 196, 1960.—England.

— **vexans** Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 197, 1960.—Scotland.

Conoplea juniperi Hughes var. **robusta** Hughes in *Canad. J. Bot.*, **38**, p. 690, 1960 on leaves and branches of *Abies grandis*.—Idaho, U.S.A.

Coprinus cinereofloccosus Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 198, 1960.—England.

— **ellisii** Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 199, 1960.—England.

— **martinii** Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 201, 1960.—England. (See also *C. martinii* Favre, 1937 [*Petrak's List*, **8**, p. 25], without Latin diagnosis.)

— **saccharomyces** Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 202, 1960.—Scotland.

Coremium rhopalinum Batista & Peres in *Publ. Inst. Mic. Univ. Recife*, **266**, p. 8, 1960 on leaves of *Roupala brasiliensis*.—Brazil.

Coriolus galloponensis (Berk. & Br.) Hansen, *The Natural History of Rennell Island, British Solomon Islands*, **3**, p. 129, 1960. (Syn. *Polyporus galloponensis* Berk. & Br.).

†— **rancidus** (Bres.) Bondarzew & M. A. Bondarzeva in *J. Bot. U.S.S.R. (Bot. Zh. S.S.S.R.)*, **45**, p. 1695, 1960. [Syn. *Poria rancida* Bres.]. [See also †*Coriolus rancidus* (Bres.) Parker-Rhodes, 1954 (this *Index*, **2**, p. 210).]

Corticium confluens Fr. var. **angulatum** Rick [as 'angulata'] in *Iheringia*, Sér. bot., **4**, p. 98, 1959.—Brazil.

— **crystalliferum** Rick in *Iheringia*, Sér. bot., **4**, p. 91, 1959 on rotten wood.—Brazil.

— **paradoxum** Rick in *Iheringia*, Sér. bot., **4**, p. 94, 1959 on bark.—Brazil.

— **straminicola** Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 102, 1953.

Cortinarius amoenolens Orton [as 'Cortinarius (*Phlegmacium*)'] in *Trans. Brit. mycol. Soc.*, **43**, p. 206, 1960 in beech woods.—England. (See also *C. amoenolens* Henry 'nom

nov.' in *Rev. Mycol., Paris*, **8**, Suppl. 2, p. 49, 1943, without Latin diagnosis.)

[**Cortinarius**] **balteatocumatilis** Orton [as 'Cortinarius (Phlegmacium)'] in *Trans. Brit. mycol. Soc.*, **43**, p. 207, 1960 in deciduous woods.—Scotland. (See also *C. balteatocumatilis* Henry 'nom. nov.' in *Bull. Soc. mycol. Fr.*, **55**, p. 186, 1939, without Latin diagnosis.)

— **caroviolaceus** Orton [as 'Cortinarius (Phlegmacium)'] in *Trans. Brit. mycol. Soc.*, **43**, p. 208, 1960 in beech woods.—England. (See also **C. caroviolaceus* Orton, 1955 [this *Index*, **2**, p. 232].)

— **cinnamomeoluteus** Orton [as 'Cortinarius (Dermocybe)'] in *Trans. Brit. mycol. Soc.*, **43**, p. 217, 1960.—England.

— **citrinus** Orton [as 'Cortinarius (Phlegmacium)'] in *Trans. Brit. mycol. Soc.*, **43**, p. 208, 1960 in beech woods.—England. (See also *C. citrinus* (J. Lange) R. Henry in *Bull. Soc. mycol. Fr.*, **55**, p. 176, 1939, syn. *C. sulphureus* var. *citrinus* (J. Lange) J. Lange, 1938, syn. *C. elegantior* forma *citrinus* J. Lange, 1935, all without Latin diagnoses.)

— **durus** Orton [as 'Cortinarius (Phlegmacium)'] in *Trans. Brit. mycol. Soc.*, **43**, p. 209, 1960 in pine woods.—Scotland.

— **melliolens** Orton [as 'Cortinarius (Phlegmacium)'] in *Trans. Brit. mycol. Soc.*, **43**, p. 210, 1960 in deciduous and coniferous woods.—Scotland. (See also *C. melliolens* J. Schäffer, 'nom. nov.', 1949 [this *Index*, **2**, p. 2], without Latin diagnosis.)

— **osmophorus** Orton [as 'Cortinarius (Phlegmacium)'] in *Trans. Brit. mycol. Soc.*, **43**, p. 210, 1960 in beech woods.—England.

— **pinicola** Orton [as 'Cortinarius (Myxarium)'] in *Trans. Brit. mycol. Soc.*, **43**, p. 204, 1960 under *Pinus sylvestris*.—Scotland.

— **pseudocrassus** Orton [as 'Cortinarius (Sericocybe)'] in *Trans. Brit. mycol. Soc.*, **43**, p. 217, 1960 under *Fagus sylvatica*.—France. (See also *C. pseudo-crassus* Josserand, 1948 [this *Index*, **1**, p. 278], without Latin diagnosis.)

— **pseudosulphureus** Orton [as 'Cortinarius (Phlegmacium)'] in *Trans. Brit. mycol. Soc.*, **43**, p. 211, 1960 in beech woods.—England. (See also **C. pseudosulphureus* Henry, 1957 [this *Index*, **2**, p. 378].)

— **subargentatus** Orton [as 'Cortinarius (Sericocybe)'] in *Trans. Brit. mycol. Soc.*, **43**, p. 385, 1960.—Scotland. [Non *C. subargentatus* Murrill in *J. Elisha Mitchell Sci. Soc.*, **55**, p. 364, 1939.]

— **subclaricolor** (Moser) Orton [as 'Cortinarius (Phlegmacium)'] in *Trans. Brit. mycol. Soc.*, **43**, p. 175, 1960. (Syn. *Phlegmacium subclaricolor* Moser).

— **subfulgens** Orton [as 'Cortinarius (Phlegmacium)'] in *Trans. Brit. mycol. Soc.*, **43**, p. 212, 1960 in deciduous woods.—England.

— **subtriumphans** Orton [as 'Cortinarius (Phlegmacium)'] in *Trans. Brit. mycol. Soc.*, **43**, p. 212, 1960—Scotland. (See also *C. subtriumphans* R. Henry 'nom. nov.' in *Rev. Mycol., Paris*, **10**, Suppl. 2, p. 64, 1945, without Latin diagnosis.)

— **subturbanatus** Orton [as 'Cortinarius (Phlegmacium)'] in *Trans. Brit. mycol. Soc.*, **43**, p. 213, 1960 in beech woods.—England. (See also *C. subturbanatus* R. Henry in *Bull. Soc. mycol. Fr.*, **55**, p. 167, 1939, without Latin diagnosis.)

— **violaceocinctus** Orton [as 'Cortinarius (Phlegmacium)'] in *Trans. Brit. mycol. Soc.*, **43**, p. 213, 1960 in birch woods.—Scotland.

— **xanthocephalus** Orton [as 'Cortinarius (Phlegmacium)'] in *Trans. Brit. mycol. Soc.*, **43**, p. 214, 1960 in woods (chiefly deciduous).—Scotland.

— **xanthochrous** Orton [as 'Cortinarius (Phlegmacium)'] in *Trans. Brit. mycol. Soc.*, **43**, p. 215, 1960 in beech woods.—England.

— **xantho-ochraceus** Orton [as 'Cortinarius (Phlegmacium)'] in *Trans. Brit. mycol. Soc.*, **43**, p. 216, 1960 in beech woods.—England.

Cortinellus edodes (Berk.) Sawada forma *sterilis* Iwade in *Bull. Tokyo Univ. For.*, **33**, p. 56, 1944.—Japan. (Alternative name for *Armillaria edodes* Berk. forma *sterilis* Iwade.)

Coryneum lycii Kalymbetov in *Bot. матер. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, **13**, p. 249, 1960 on *Lycium ruthenicum*.—U.S.S.R.

Crepidotus subtilis Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 221, 1960 on twigs of *Sambucus* and *Hedera*.—England.

***Cryptococcus ater** Castellani in *J. trop. Med. (Hyg.)*, **63**, 2, pp. 27–30, 1960 on man.—Portugal.

Cryptoderma sanfordii (Lloyd) Imazeki in S. Ito, *Mycological Flora of Japan*, 2(4), p. 366, 1955. (Syn. *Fomes sanfordii* Lloyd).

Cryptosporium corni Negru in *Izv. Acad. Sci. Armyan. S.S.R.*, **13**, 2, p. 88, 1960 on fruits of *Cornus alba*.—Romania.

Crystallocyptidium pauperrimum Rick in *Iheringia*, Sér. bot., **4**, p. 81, 1959 on wood.—Brazil.

— **vorticosum** Rick in *Brotéria*, **9**(36), p. 139, 1940 on frondose wood.—Brazil.

Cucurbitaria arbuti M. Bondartzeva in *Bot. матер. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.)*, **13**, p. 200, 1960 on dry branches of *Arbutus andrachne*.—U.S.S.R.

CUCURBITARIOPSIS Vassilkov nom. nov. in *J. Bot. U.S.S.R. (Bot. Zh. S.S.S.R.)*, **45**, p. 1369, 1960. (Syn. *Megalospora* Naumov, 1927 [*Petrak's List*, **3**], non Mey. & Tw., 1843 [*Lichenes*]).—Sphaeriales. Sp. typ.: *C. gemmica*.

— **gemma** (Naumov) Vassilkov in *J. Bot. U.S.S.R. (Bot. Zh. S.S.S.R.)*, **45**, p. 1369, 1960. (Syn. *Megalospora gemmica* Naumov).

CULICIDOSPORA R. H. Petersen in *Bull. Torrey bot. Cl.*, **87**, p. 342, 1960.—Moniliales. Sp. typ.: *C. aquatica*.

— **aquatica** R. H. Petersen in *Bull. Torrey bot. Cl.*, **87**, p. 342, 1960 on submerged decaying twig of *Prunus*.—New York, U.S.A.

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Cyclopeltis jasmini (Doidge) Batista, Nascimento & Vital in *Atas Inst. Mic. Univ. Recife*, **1**, p. 367, 1960. (Syn. *Ferrarisia jasmini* Doidge).

Cyclothecea batistae Arx in *Publ. Inst. Mic. Univ. Recife*, **288**, p. 9, 1960 on leaves of *Ovatea fieldingiana*.—Brazil.

Cymatoderma africanum Boidin in *Bull. Jard. bot. Brux.*, **30**, p. 306, 1960.—Congo.

— **elegans** Jungh. subsp. *infundibuliforme* (Klotzsch) Boidin in *Bull. Jard. bot. Brux.*, **30**, p. 299, 1960. (Syn. *Actinostroma infundibuliforme* Klotzsch).

— **subsp. *spongiosum*** (Fr.) Boidin in *Bull. Jard. bot. Brux.*, **30**, p. 296, 1960. (Syn. *Cladoderris spongiosa* Fr.).

Cyphella congregatissima Rick in *Iheringia*, Sér. bot., 4, p. 123, 1959 on herbaceous stem.—Brazil.

— **grisea** Rick in *Iheringia*, Sér. bot., 4, p. 123, 1959 on bark.—Brazil. [Non *C. grisea* Petch, 1922 (*Petrak's List*, 5).]

CYPHELLINA Rick in *Iheringia*, Sér. bot., 4, p. 124, 1959.—Thelephoraceae.

†— **viridis** (Berk.) Rick in *Iheringia*, Sér. bot., 4, p. 124, 1959. (Syn. *Thelephora viridis* Berk.).

Cystoderma ossaeiformisporum (Imai) S. Ito, *Mycological Flora of Japan*, 2(5), p. 282, 1959. (Syn. *Lepiota ossaeiformispora* Imai).

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Cytidia conspersa Rick [as 'Cytidea'] in *Iheringia*, Sér. bot., 4, p. 114, 1959.—Brazil.

Cytospora phellodendri Guevitz in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 267, 1960 on dry stems of *Phellodendron amurense*.—Tauria, U.S.S.R.

Dacrymyces ceraceoides Rick var. **viridi-flava** Rick [as 'Dacrymyces ceraceoides var. *viridi-flava*'] in *Iheringia*, Sér. bot., 2, p. 53, 1958.—Brazil.

— **fuscominus** Coker var. **brasiliensis** Rick [as 'Dacrymyces'] in *Iheringia*, Sér. bot., 2, p. 52, 1958 on wood.—Brazil.

— **lutescens** Brefeld var. **latisporus** Kubička [as 'Dacrymyces'] in *Čes. Mykol.*, 14, p. 170, 1960 on wood of *Sarrothamnus scoparius*.—Czechoslovakia.

— **quercicola** P. Sossin [as 'Dacrymyces *querciculus*'] in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 214, 1960 on rotten trunk of *Quercus*.—Ukraine.

— **substristis** Rick [as 'Dacrymyces'] in *Iheringia*, Sér. bot., 2, p. 52, 1958 on rotten wood.—Brazil.

DACRYOMYCETOPSIS Rick in *Iheringia*, Sér. bot., 2, p. 53, 1958.—Tremellales.

— **rosea** Rick in *Iheringia*, Sér. bot., 2, p. 53, 1958 on wood.—Brazil.

Dactylella arnaudii Yadav in *Trans. Brit. mycol. Soc.*, 43, p. 603, 1960 on dead stems of *Heracleum sphondylium*.—England.

***Dactylium olivascens** Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 246, 1953.

Dasyscyphus mollissimus (Lasch) Dennis, *British Cup Fungi and their Allies*, p. 95, 1960. (Syn. *Peziza mollissima* Lasch).

Debaryomyces dekkeri Mrak et al., 1942 (this *Index*, 1, p. 78). Latin diagnosis by Kudriavzev in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 147, 1960.

— **delbrueckii** (Lindner) Kudriavzev [as 'Delbrückii'] in Систематика дрожжей, p. 309, 1954. (Syn. *Torulaspora delbrückii* Lindner).

— **hansenii** (Zopf) Kudriavzev in Систематика дрожжей, p. 316, 1954. (Syn. *Saccharomyces hansenii* Zopf).

— **konokotinae** Kudriavzev in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 147, 1960.—U.S.S.R.

— **kursanovii** Kudriavzev in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 147, 1960.—U.S.S.R.

— **rosei** (Guilliermond) Kudriavzev in Систематика дрожжей, p. 307, 1954. (Syn. *Torulaspora rosei* Guilliermond).

— **vini** Zimmermann, 1938 [*Petrak's List*, 8], with German description. Latin diagnosis by Kudriavzev in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 147, 1960.

Deconica montana (Pers. ex Fr.) Orton in *Trans. Brit. mycol. Soc.*, 43, p. 175, 1960. (Syn. *Agaricus montanus* Pers. ex Fr.).

— **muscorum** Orton in *Trans. Brit. mycol. Soc.*, 43, p. 225, 1960.—England.

Delortia brasiliensis Rick in *Iheringia*, Sér. bot., 2, p. 56, 1958 on bark.—Brazil.

***Dematium japonicum** Kobayashi in *Rep. Wood Saccharification Discussion Ctee (Japan)*, 2, p. 96, 1953 from *Prunus persica*.—Japan.

***Dendrodochium caucasicum** Pidoplichko & Bilai in Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 313, 1953.

*— **toxicum** Pidoplichko & Bilai in Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 312, 1953.

Dendrophoma amygdalina M. Bondartzeva in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 204, 1960 on dead branches of *Amygdalus communis*.—U.S.S.R.

— **phellodendri** Guevitz in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 258, 1960 on dry stems of *Phellodendron amurense*.—Tauria, U.S.S.R.

— **sophorae** M. Bondartzeva in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 204, 1960 on dry branches of *Sophora japonica*.—U.S.S.R.

Dermoloma atrocinereum (Pers. ex Pers.) Orton in *Trans. Brit. mycol. Soc.*, 43, p. 175, 1960. (Syn. *Agaricus atrocinereus* Pers. ex Pers.).

— **josserandii** Dennis & Orton apud Orton in *Trans. Brit. mycol. Soc.*, 43, p. 226, 1960 in birch and beech wood.—England.

Deuterophoma philadelphi Guevitz in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 259, 1960 on dry stems of *Philadelphus caucasicus*.—Tauria, U.S.S.R.

Didymaria centaureae Annaliev in Вестн. МОСКОВ. УНИВ. (Vestn. Moskov. Univ.), Сér. бiol., 15, p. 60, 1960 on leaves of *Centaurea squarrosa*.—Turkmen SSR.

Didymella muelleri Viswanathan in *Mycopathologia*, 13, p. 239, 1960 on dry stems of *Duranta plum[i]eri*.—Poona, India.

Didymobotryum hymenaearum Batista & Peres in *Publ. Inst. Mic. Univ. Recife*, 266, p. 5, 1960 on *Meliola melanochyla* on *Hymenaea*.—Brazil.

Dimerosporiopsis macrospora Batista & Bezerra in *Publ. Inst. Mic. Univ. Recife*, 286, p. 5, 1960 on male cones of *Pinus monticola*.—Idaho, U.S.A.

Dimorphomyces phloeoporae Thaxter, 1900 (as 'thleoporae': Saccardo, *Syll. Fung.*, 16, p. 674, as 'Thleosporae') on *Phloeopora* (err. *Thleopora*) *corticis*. Orthography corrected by Hineks in *Naturalist*, Lond., no. 874 (July-Sept., 1960), p. 102, 1960.

Diplodia caucasici Guevitz in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 260, 1960 on dry stems of *Philadelphus caucasicus*.—Tauria, U.S.S.R.

— **gali** Guevitz in Бот. матер. (*Not. syst.*

Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R., **13**, p. 261, 1960 on dry stems of *Phellodendron amurense*.—Tauria, U.S.S.R.

[*Diplodia halimodendri* Guevitz in Bot. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **13**, p. 253, 1960 on dry branches of *Halimodendron halodendron*.—Tauria, U.S.S.R. [Non *D. halimodendri* Muraschki, 1924 (*Petrak's List*, 3).]

— *lonicerae* N. Golovina in Bot. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **13**, p. 236, 1960 on branches of *Lonicera*.—Uzbek SSR. [Non *D. lonicerae* Fuckel, 1869.]

— *pterocaryaes* Guevitz in Bot. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **13**, p. 261, 1960 on dry stems of *Pterocarya fraxinifolia*.—Tauria, U.S.S.R.

— *xanthoceratis* Guevitz in Bot. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **13**, p. 262, 1960 on dry stems of *Xanthoceras sorbifolium*.—Tauria, U.S.S.R.

Diplodina adenophorae Guevitz in Bot. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **13**, p. 265, 1960 on dry stems of *Adenophora taurica*.—Tauria, U.S.S.R.

— *duninii* Babajan & Negru apud Negru [as 'dunini'] in *Izv. Acad. Sci. Armyan S.S.R.*, **13**, 2, p. 85, 1960 on branches and spines of *Rosa canina*.—Romania.

— *phellodendri* Guevitz in Bot. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **13**, p. 266, 1960 on bark and wood of *Phellodendron amurense*.—Tauria, U.S.S.R.

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Discosia bombycina Viswanathan apud Tilak & Viswanathan in *Curr. Sci.*, **28**, p. 252, 1959 on leaves of *Syzygium cuminum*.—Poona, India.

— *hiptages* Tilak apud Tilak & Viswanathan in *Curr. Sci.*, **28**, p. 252, 1959 on leaves of *Hiptage bengalensis*.—Poona, India.

Dothidasteromella hansfordii Batista in *Atas Inst. Mic. Univ. Recife*, **1**, p. 205, 1960 on leaves of *Hakea ubicina*.—S. Australia.

Ductifera atra Rick in *Iheringia*, Sér. bot., **2**, p. 18, 1958 on decorticated wood.—Brazil.

— var. *macrospora* Rick in *Iheringia*, Sér. bot., **2**, p. 19, 1958 on wood.—Brazil.

Eccilia paludicola Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 227, 1960 under *Salix*.—England.

— *sericeonitida* Orton nom. nov. in *Trans. Brit. mycol. Soc.*, **43**, p. 175, 1960. (Syn. *Agaricus (Clitopilus) undatus* Fr., 1838, non *A. (Collybia) undatus* Berk., 1836).

Echidnodella guatemalensis Batista, Nascimento & Peres in *An. Soc. Biol. Pernambuco*, **16**, p. 134, 1959 on leaves of *An[n]ona*.—Guatemala.

— *lucumae* Arx in *Publ. Inst. Mic. Univ. Recife*, **288**, p. 14, 1960 on leaves of *Lucuma grandifolia*.—Brazil.

Echidnoderes tecleae (Doidge) Batista, Nascimento & Peres in *An. Soc. Biol. Pernambuco*, **16**, p. 137, 1959. (Syn. *Asterinella tecleae* Doidge). [See citation, 1959 (this *Index*, **2**, p. 542), when the combination was not validly published.]

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*— *thermophilus* Odintsova in *Microbiology, Moscow*, **16**, 4, p. 273, 1960 in culture.—U.S.S.R.

Endocolium australiense (Syd.) Batista & Nascimento in *Atas Inst. Mic. Univ. Recife*, **1**, p. 240, 1960. (Syn. *Melanodochium australiense* Syd.).

Endomycopsis interdigitalis Batista & Coelho in *Publ. Inst. Mic. Univ. Recife*, **241**, p. 3, 1960 from man.—Brazil.

— *mali* (Lewis) Dekker var. *faecalis* Batista & J. Silveira in *Rev. Assoc. med. brasil.*, **5**, 5, p. 353, 1959 from human faeces.—Brazil.

Entoloma fuscomarginatum Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 228, 1960 in *Sphagnum*.—Scotland.

— *majalooides* Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 230, 1960 in birch or coniferous woods.—Scotland.

— *sordidulum* (Kühn. & Romagn.) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 175, 1960. (Syn. *Rhodophyllus sordidulus* Kühn. & Romagn.).

Entonaema globosum Heim [as 'globosa'] in *Bull. Soc. mycol. Fr.*, **76**, p. 121, 1960 on dead trunks.—Mexico.

Entyloma vulpiae Massenot apud Guyot, Malençon & Massenot in *Rev. Path. vég.*, **39**, p. 167, 1960 on leaves and sheaths of *Vulpia geniculata*.—Morocco.

Entylomella leontices N. Golovina in Bot. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **13**, p. 233, 1960 on leaves of *Leontice albertii*.—Uzbek SSR.

— *ranunculi* (Bon.) Ciferri, 1959 (this *Index*, **2**, p. 543). Combination already made by Höhnel in *Öst. bot. Z.*, **66**, p. 105, 1916, and in *Ann. mycol., Berl.*, **21**, p. 194, 1924.

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Epithele bambusina Rick in *Iheringia*, Sér. bot., **4**, p. 87, 1959 on *Bambusa*.—Brazil.

— *horridula* Rick [as 'horridulum'] in *Broteria*, **9** (36), p. 148, 1940 on wood.—Brazil.

— *nivea* Rick in *Iheringia*, Sér. bot., **4**, p. 87, 1959 on *Phytolacca dioica*.—Brazil.

— *straminea* Rick in *Iheringia*, Sér. bot., **4**, p. 87, 1959 on bark.—Brazil.

Erysiphe cichoracearum DC. forma *fumariae* Annaliev in *Vestn. Moskov. Univ. Univ. (Vestn. Moskov. Univ.)*, Ser. biol., **15**, 4, p. 55, 1960 on leaves and stems of *Fumaria parviflora*.—Turkmen SSR.

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Exidia parvula Rick in *Iheringia*, Sér. bot., **2**, p. 34, 1958.—Brazil.

— *vitrea* Rick in *Iheringia*, Sér. bot., **2**, p. 34, 1958 on wood.—Brazil.

Exidiopsis albopruinata Rick [as 'albopruinata'] in *Iheringia*, Sér. bot., **2**, p. 33, 1958 on bark.—Brazil.

— *cartilaginea* Rick in *Iheringia*, Sér. bot., **2**, p. 33, 1958 on decorticated wood.—Brazil.

— *rufula* Rick in *Iheringia*, Sér. bot., **2**, p. 33, 1958.—Brazil.

[**Exidiopsis**] *tremellispora* A. Möll. var. *macrospora* Rick in *Iheringia*, Sér. bot., 2, p. 32, 1958. —Brazil.
Exobasidium nudum (Shirai) S. Ito, *Mycological Flora of Japan*, 2(4), p. 48, 1955. (Syn. *Exobasidium camelliae* var. *nudo* [sic] Shirai). [See also combination by Ito & Ötani, 1958 (this *Index*, 2, p. 472, where the basonym was wrongly cited as '*Exosporium*').]

FABOSPORA Kudriavzev in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 143, 1960.—Saccharomyctaceae.

— *fragilis* (Jörgensen) Kudriavzev in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 144, 1960. (Syn. *Saccharomyces fragilis* Jörgensen).

— *macedoniensis* (Diddens & Lodder) Kudriavzev in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 143, 1960. (Syn. *Saccharomyces macedoniensis* Diddens & Lodder).

Falcipatella taurica Gueevicz in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 193, 1960 on dry stems of *Rumia crithmifolia*. —Tauria, U.S.S.R.

†**Fibuloporia buxi** (Bond.) Bondarzew & M. Bondartzeva in *J. Bot. U.S.S.R. (Bot. Zh. S.S.R.)*, 45, p. 1695, 1960. [Syn. *Poria buxi* Bondarzew].

FLOCCULINA Orton in *Trans. Brit. mycol. Soc.*, 43, p. 168, 1960.—Agaricaceae. Sp. typ.: *Naucoria granulosa* J. Lange.

— *carpophila* (Fr. ex Fr.) Orton in *Trans. Brit. mycol. Soc.*, 43, p. 175, 1960. (Syn. *Agaricus carpophilus* Fr. ex Fr.).

— *carpophiloides* (Kühn.) Orton in *Trans. Brit. mycol. Soc.*, 43, p. 175, 1960. (Syn. *Naucoria carpophiloides* Kühn.).

— *erinaceella* (Peck) Orton in *Trans. Brit. mycol. Soc.*, 43, p. 175, 1960. (Syn. *Agaricus erinaceellus* Peck).

— *ferruginea* (R. Maire) Orton in *Trans. Brit. mycol. Soc.*, 43, p. 175, 1960. (Syn. *Naucoria ferruginea* R. Maire).

— *fusispora* Orton in *Trans. Brit. mycol. Soc.*, 43, p. 235, 1960 on decaying leaves.—England.

— *granulosa* (J. Lange) Orton in *Trans. Brit. mycol. Soc.*, 43, p. 175, 1960. (Syn. *Naucoria granulosa* J. Lange).

— *limulata* (Fr. ex Weinm.) Orton in *Trans. Brit. mycol. Soc.*, 43, p. 175, 1960. (Syn. *Agaricus limulatus* Fr. ex Weinm.).

— *muricata* (Fr. ex Fr.) Orton in *Trans. Brit. mycol. Soc.*, 43, p. 175, 1960. (Syn. *Agaricus muricatus* Fr. ex Fr.).

— *pusillima* Orton in *Trans. Brit. mycol. Soc.*, 43, p. 236, 1960.—England.

— *rhombospora* (Atk.) Orton in *Trans. Brit. mycol. Soc.*, 43, p. 175, 1960. (Syn. *Lepiota rhombospora* Atk.).

— *saliciphila* (Favre) Orton in *Trans. Brit. mycol. Soc.*, 43, p. 175, 1960. (Syn. *Naucoria saliciphila* Favre).

— *siparia* (Fr.) Orton in *Trans. Brit. mycol. Soc.*, 43, p. 176, 1960. (Syn. *Agaricus siparius* Fr.).

— *subincarnata* (Joss. & Kühn.) Orton in *Trans. Brit. mycol. Soc.*, 43, p. 176, 1960. (Syn. *Naucoria subincarnata* Joss. & Kühn.).

***Fomitopsis kiyosumiensis** Imazeki & Sasaki in S. Ito, *Mycological Flora of Japan*, 2(4), p. 308, 1955 on *Quercus*. —Japan.

— *roseozonata* (Lloyd) S. Ito, *Mycological Flora of Japan*, 2(4), p. 309, 1955. (Syn. *Trametes roseo-zonata* Lloyd).

— *semilaccatus* (Berk.) S. Ito, *Mycological Flora of Japan*, 2(4), p. 305, 1955. (Syn. *Polyporus zonalis* var. *semilaccatus* Berk.).

— *sensitiva* (Lloyd) Imazeki [as '(Yasuda apud Lloyd)'] apud Chiba & Teramoto in *Bull. Tokyo Univ. For.*, 43, p. 32, 1952. [Syn. *Trametes sensitiva* Lloyd]. This antedates the combination by Sasaki, 1954 (this *Index*, 2, p. 271).

***Fusarium splendens** Matuo & Kobayashi in *Trans. mycol. Soc. Japan*, 2, 4, p. 13, 1960 on stems and twigs of *Albizzia julibrissin* and in soil.—Japan. (Conidial *Hypocrea splendens* Phil. & Plowr.)

Fuscoporia obliqua ([Pers.] Fr.) Aoshima in *Bull. Tokyo Univ. For.*, 39, p. 200, 1951. (Syn. *Polyporus obliquus* [Pers.] Fr.).

***Fusidium elegantulum** Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 172, 1953.

***flagelliforme** Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 173, 1953.

Galactinia vesiculosa (Bull. ex Fr.) Le Gal forma *cerea* (Sow. ex Fr.) Svrček in *Cěs. Mykol.*, 14, 4, p. 219, 1960. (Syn. *Peziza cerea* Sow. ex Fr.).

Galerina ampullaceocystis Orton in *Trans. Brit. mycol. Soc.*, 43, p. 236, 1960 on rotten wood.—Scotland.

— *calyprata* Orton in *Trans. Brit. mycol. Soc.*, 43, p. 237, 1960.—England.

— *cinctula* Orton in *Trans. Brit. mycol. Soc.*, 43, p. 239, 1960 on twig of *Erica*.—Scotland.

— *embolus* (Fr.) Orton in *Trans. Brit. mycol. Soc.*, 43, p. 176, 1960. (Syn. *Agaricus embolus* Fr.).

— *luteofulva* Orton in *Trans. Brit. mycol. Soc.*, 43, p. 240, 1960.—England.

— *moelleri* Bas in *Persoonia*, 1, 3, p. 310, 1960.—Faeroes.

— *mutabilis* (Schaeff. ex Fr.) Orton in *Trans. Brit. mycol. Soc.*, 43, p. 176, 1960. (Syn. *Agaricus mutabilis* Schaeff. ex Fr.).

— *praticola* (F. H. Möller) Orton in *Trans. Brit. mycol. Soc.*, 43, p. 176, 25 August 1960. (Syn. *Pholiota praticola* F. H. Möller). Combination also made by Bas in *Persoonia*, 1, 3, p. 313, 26 August 1960.

— *pseudopumila* Orton nom. nov. in *Trans. Brit. mycol. Soc.*, 43, p. 176, 1960. (Syn. *Agaricus (Pholiota) pumilus* Fr., 1828, non *A. (Naucoria) pumilus* Pers. ex Fr., 1821).

— *salicicola* Orton in *Trans. Brit. mycol. Soc.*, 43, p. 242, 1960 amongst *Salix*.—England.

Geolegnia intermedia Höhnk in *Veröff. Inst. Meeresforsch. Bremerhaven*, 1, p. 127, 1952 from riverain soil.—Germany.

***Geotrichum suaveolens** Kobayashi in *Rep. Wood Saccharification Discussion Ctee (Japan)*, 2, p. 95, 1953 from the air.—Japan.

GILBERTELLA Hesselstine, 1960 (this *Index*, 3, p. 8)—etym. ex E. M. Gilbert. See also *Gilbertiella* Boutique, 1951 (Annonaceae)—etym. ex G. Gilbert.

***Gliocladium ammoniphilum** Pidoplichko & Bilai in Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 197, 1953.

*— **borysseviczii** Pidoplichko [as '*Borysse-*

vicii'], Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 197, 1953.

*[*Gliocladium*] *cholodnyi* Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 196, 1953.

† — var. *beticola* (Pidoplichko) Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 197, 1953. (Syn. *Gliocladium beticola* Pidoplichko).

— *cibotii* Van Beyma in *Antonie van Leeuwenhoek*, 10, p. 46, 1944 from hairs of *Cibotium schiedei*.—Netherlands.

*— *radicicola* Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 196, 1953.

*— *varians* Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 198, 1953.

*— *verticilloides* Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 195, 1953.

*— *zaleskii* Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 199, 1953.

Gloeocystidium alutaceorubrum Rick [as 'alutaceo-rubrum'] in *Iheringia*, Sér. bot., 4, p. 89, 1959 on decorticated wood.—Brazil.

— *clavuligerum* Höhnel & Litsch. var. *brasiliense* Rick [as 'brasiliensis'] in *Iheringia*, Sér. bot., 4, p. 90, 1959 on rotten bark.—Brazil.

— *cremeum* Rick in *Iheringia*, Sér. bot., 4, p. 90, 1959 on wood.—Brazil.

— *ferrugineum* Rick in *Iheringia*, Sér. bot., 4, p. 90, 1959 on a branch.—Brazil.

— *incarnatum* (Pers. ex Fr.) S. Ito, *Mycological Flora of Japan*, 2(4), p. 119, 1959. (Syn. *Thelephora incarnatum* Pers. ex Fr.).

— *mutatum* (Peck) S. Ito, *Mycological Flora of Japan*, 2(4), p. 120, 1955. (Syn. *Corticium mutatum* Peck).

— *tenuimembranaceum* Rick [as 'tenui-membranaceum'] in *Iheringia*, Sér. bot., 4, p. 90, 1959 on wood.—Brazil.

Gloeopeniophorella griseolutea Rick [as 'griseo-lutea'] in *Iheringia*, Sér. bot., 4, p. 114, 1959 on wood.—Brazil.

Gloeosporium ginkgonis Negru in *Stud. Univ. Victor Babeș et Bolyai, Romania*, 3, no. 7, Sér. II, fasc. 2, p. 20, 1958 on leaves of *Ginkgo biloba*.—Romania.

— *loranthi* Rao & Salam in *J. Indian bot. Soc.*, 39, p. 324, 1960 on leaves of *Dendrophthoe falcata*.—Hyderabad, India.

— *rhamni* Negru in *Stud. Univ. Victor Babeș et Bolyai, Romania*, 3, no. 7, Sér. II, fasc. 2, p. 20, 1958 on fruits of *Rhamnus cathartica*.—Romania.

Gloeotrichila anthuriicola Batista & Nascimento [as 'anthuricola'] in *Rev. Soc. bras. Agron.*, 12, pp. 52 and 55, 1956 on leaves of *Anthurium*.—Brazil.

Gnomonia aceriphila (Dearn. & House) Barr in *Rhodora*, 62, 739, p. 196, July 1960. (Syn. *Gnomoniopsis aceriphila* Dearn. & House).

Gnomoniella tubiformis (Tode) Sacc. var. *minor* Batista & Taltasse in *Publ. Inst. Mic. Univ. Recife*, 213, p. 7, 1960 on 'Oreodoxa' [*Oreodoxa*] *oleracea*.—Brazil.

Gorgoniceps vernoniicola (P. Henn.) Batista in *Atas Inst. Mic. Univ. Recife*, 1, p. 244, 1960. (Syn. *Erinella vernoniicola* P. Henn.).

**Graphium guttuliferum* Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 303, 1953.

*— *minutellum* Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 304, 1953.

Grifola albicans Imazeki in *J. Jap. Bot.*, 19, p. 386, 1943 on *Quercus crispula*.—Japan.

Guignardia excentrica (Crie) Sacc. var. *major* Batista in *Publ. Inst. Mic. Univ. Recife*, 284, p. 9, 1960 on indet. leaves.—Brazil.

Gymnopilus decipiens (W. G. Smith) Orton in *Trans. Brit. mycol. Soc.*, 43, p. 176, 1960. (Syn. *Agaricus decipiens* W. G. Smith).

— *junonius* (Fr.) Orton in *Trans. Brit. mycol. Soc.*, 43, p. 176, 1960. (Syn. *Agaricus junonius* Fr.).

Hanseniaspora antillarum (Klöcker) Kudriavzev, Систематика дрожжей, p. 370, 1954. (Syn. *Pseudosaccharomyces antillarum* Klöcker).

— *javanica* (Klöcker) Kudriavzev, Систематика дрожжей, p. 371, 1954. (Syn. *Pseudosaccharomyces javanicus* Klöcker).

Hansenula kluyveri (Bedford) Kudriavzev, Систематика дрожжей, p. 278, 1954. (Syn. *Pichia kluyveri* Bedford, 1942 [this Index, 1, p. 83]). Latin diagnosis by Kudriavzev in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 145, 1960.

— *polymorpha* Morais & D. Maia in *An. Esc. Sup. Quim. Univ. Recife*, 1, 1, p. 16, 1959 from soil.—Brazil.

*— *subpelliculosa* Bedford var. *japonica* Kobayashi in *Rep. Wood Saccharification Discussion Ctee (Japan)*, 2, p. 98, 1953 from decayed cooked rice.—Japan.

Hansfordia cinnamomi Deighton in *Mycol. Pap.*, C.M.I., 78, p. 14, 1960 on leaves of *Cinnamomum zeylanicum*.—Sierra Leone.

— *granulosa* E. Müller & Nüesch in *Phytopath. Z.*, 38, p. 284, 1960 on roots of *Loroglossum hircinum*.—France.

Hansfordia diedickiae Deighton in *Mycol. Pap.*, C.M.I., 78, p. 31, 1960 on *Diedickia ptyptadeniae*.—Sierra Leone.

— *lichenicola* Batista & Maia in *Publ. Inst. Mic. Univ. Recife*, 283, p. 26, 1960 on lichens on *Gustavia augusta*.—Brazil.

HANSFORDIELLOPSIS Deighton in *Mycol. Pap.*, C.M.I., 78, p. 33, 1960.—Moniliales. Sp. typ.: *H. aburiensis*.

— *aburiensis* Deighton in *Mycol. Pap.*, C.M.I., 78, p. 34, 1960 associated with lichens on leaves of *Cola verticillata*.—Ghana.

Hansfordiopeltis cupaniae Batista & Bezerra in *Publ. Inst. Mic. Univ. Recife*, 221, p. 12, 1960 on leaves of *Cupania*.—Brazil.

— *erythroxyl* Batista & Taltasse [as 'erythroxyl'] in *Publ. Inst. Mic. Univ. Recife*, 221, p. 14, 1960 on leaves of *Erythroxylum pelleterianum*.—Brazil.

Hebeloma leucosarx Orton in *Trans. Brit. mycol. Soc.*, 43, p. 244, 1960.—Scotland.

HEIMIODORA Nicot in *Ann. Sci. nat., Bot.*, Sér. 12, 1, p. 384, 1960.—Mucorales: Kickxellaceae. Sp. typ.: *H. verticillata*.

— *verticillata* Nicot in *Ann. Sci. nat., Bot.*, Sér. 12, 1, p. 384, 1960 from soil.—Thailand.

HELICOMINOPSIS Deighton in *Mycol. Pap.*, C.M.I., 78, p. 20, 1960.—Moniliales. Sp. typ.: *H. fici*.

— *fici* Deighton in *Mycol. Pap.*, C.M.I., 78, p. 21, 1960 on leaves of *Ficus capensis*.—Sierra Leone.

HELICOSPORINA Arnaud ex Rambelli in *Mycopathologia*, **13**, p. 110, 1960.—Moniliales. [See **Helicosporina* Arnaud, 1954 (this Index, **2**, p. 170).]

—**veronae** Rambelli in *Mycopathologia*, **13**, p. 111, 1960 in soil under *Eucalyptus*.—Italy.

Helminthosporium apii Göbelez in *Phytopath. Z.*, **39**, p. 96, 1960 on seeds of *Apium graveolens*.—Turkey.

*—**bondarzewii** Pidoplichko [as 'Bondarzewi'] Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 281, 1953.

—**dictyoides** Drechsler forma *perenne* Braverman & Graham in *Phytopathology*, **50**, p. 695, 1960 on *Lolium perenne*, *L. multiflorum* and *L. perenne* *x* *Festuca elatior*.—Pennsylvania, U.S.A.

—**xylopiifolii** Batista [as 'xylopifolii'] in *Atas Inst. Mic. Univ. Recife*, **1**, p. 261, 1960 on *Asterina* on *Xylophia sericea*.—Brazil.

Hendersonia elaeagni Gucevitz in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **13**, p. 263, 1960 on dry stems of *Elaeagnus argentea*.—Tauria, U.S.S.R.

—**elegans** Gucevitz in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **13**, p. 253, 1960 on dry branches and spines of *Halimodendron halodendron*.—Tauria, U.S.S.R. [Non *H. elegans* Berk., 1841.]

Heterochaete lividofusca Pat. var. *sanguinea* Rick in *Iheringia*, Sér. bot., **2**, p. 40, 1958.—Brazil.

—**mucedinea** Rick in *Iheringia*, Sér. bot., **2**, p. 39, 1958 on stem of *Helianthus*.—Brazil.

—**ochracea** Pat. var. *lanosa* Rick in *Iheringia*, Sér. bot., **2**, p. 40, 1958 on branches.—Brazil.

—**sanctae-catharinae** A. Möll. var. *delicatula* Rick in *Iheringia*, Sér. bot., **2**, p. 41, 1958.—Brazil.

— var. *intermedia* Rick in *Iheringia*, Sér. bot., **2**, p. 41, 1958 on decorticated wood.—Brazil.

Heterochaetella alba Rick in *Iheringia*, Sér. bot., **2**, p. 42, 1958 on wood.—Brazil.

—**bispora** Luck-Allen in *Canad. J. Bot.*, **38**, p. 563, 1960 on *Ulmus*.—Ontario, Canada.

—**brachyspora** Luck-Allen in *Canad. J. Bot.*, **38**, p. 566, 1960 on decayed wood.—France.

Hirneolina luteomollis Rick [as 'luteomollis'] in *Iheringia*, Sér. bot., **2**, p. 38, 1958 on wood.—Brazil.

Hirschioporus laricinus (Karst.) Teramoto in *Bull. Tokyo Univ. For.*, **39**, p. 212, 1951. (Syn. *Lenzites laricina* Karst.).

—**purpureus** (Yasuda) Imazeki in S. Ito, *Mycological Flora of Japan*, **2(4)**, p. 260, 1955. (Syn. *Irpea purpurea* Yasuda).

Hohenbuehelia rickenii (Kühn.) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 176, 1960. (Syn. *Geopetalum rickenii* Kühn.).

Hormisiomyces bellus Batista & Carneiro [as 'bellum'] in *Atas Inst. Mic. Univ. Recife*, **1**, p. 262, 1960 on leaves of *Vitex*.—Puerto Rico.

***HYALOBOTRYS** Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 186, 1953.—Moniliales.

*—**elegans** Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 186, 1953.

Hyalopus acremonium (Fresen.) Barbosa, *Subsidios para o Estudo Parasitologico do Genero Hyalopus Corda*, **1838** (Thesis), Recife, p. 33, 1941. (Syn. *Cephalosporium acremonium* Fresen.).

—**bogoleppoffii** (Vuillemin) Barbosa [as 'Bogoleppoffi'], *Subsidios para o Estudo Parasitologico do Genero Hyalopus Corda*, **1838** (Thesis), Recife, p. 48, 1941. (Syn. *Tilachidium bogoleppoffii* Vuillemin).

—**boydii** (Shear) Barbosa, *Subsidios para o Estudo Parasitologico do Genero Hyalopus Corda*, **1838** (Thesis), Recife, p. 48, 1945. (Syn. *Cephalosporium boydii* Shear).

—**cordoniformis** (Barbosa) Barbosa [as 'Hyalopus (Eucephalosporium)'], *Subsidios para o Estudo Parasitologico do Genero Hyalopus Corda*, **1838** (Thesis), Recife, p. 31, 1941. (Syn. *Cephalosporium cordoniforme* Barbosa).

—**curtipes** (Sacc.) Barbosa, *Subsidios para o Estudo Parasitologico do Genero Hyalopus Corda*, **1838** (Thesis), Recife, p. 50, 1941. (Syn. *Cephalosporium curtipes* Sacc.).

—**doukourei** (Boucher) Barbosa [as 'Hyalopus (Eucephalosporium)'], *Subsidios para o Estudo Parasitologico do Genero Hyalopus Corda*, **1838** (Thesis), Recife, p. 39, 1941. (Syn. *Cephalosporium doukourei* Boucher). [Combination already made by Ota in *Jap. J. Derm. Urol.*, **27**, p. 938, 1927.]

—**griseus** (Gougerot, Burnier & Duché) Barbosa [as 'Hyalopus (Eucephalosporium) griseum'], *Subsidios para o Estudo Parasitologico do Genero Hyalopus Corda*, **1838** (Thesis), Recife, p. 38, 1941. (Syn. *Cephalosporium griseum* Gougerot, Burnier & Duché).

—**keratoplasticum** (Morikava) Barbosa [as 'Hyalopus (Maffeiella)'], *Subsidios para o Estudo Parasitologico do Genero Hyalopus Corda*, **1838** (Thesis), Recife, p. 19, 1941. (Syn. *Cephalosporium keratoplasticum* Morikava).

—**niger** (Kambayashi) Barbosa [as 'Hyalopus (Eucephalosporium) nigrum'], *Subsidios para o Estudo Parasitologico do Genero Hyalopus Corda*, **1838** (Thesis), Recife, p. 43, 1941. (Syn. *Cephalosporium nigrum* Kambayashi).

—**niveolanosus** (Benedek) Barbosa [as 'Hyalopus (Eucephalosporium) niveolanosum']. *Subsidios para o Estudo Parasitologico do Genero Hyalopus Corda*, **1838** (Thesis), Recife, p. 46, 1941. (Syn. *Cephalosporium niveolanosum* Benedek).

—**pammelii** (Buchanan) Barbosa [as 'Pammeli'], *Subsidios para o Estudo Parasitologico do Genero Hyalopus Corda*, **1838** (Thesis), Recife, p. 26, 1941. (Syn. *Cephalosporium pammelii* Buchanan).

—**pseudofermentum** (Ciferri) Barbosa [as 'Hyalopus (Cephaloblaston)'], *Subsidios para o Genero Hyalopus Corda*, **1838** (Thesis), Recife, p. 17, 1941. (Syn. *Cephalosporium pseudofermentum* Ciferri).

—**recifei** (Leão & Lôbo) Barbosa [as 'Hyalopus (Eucephalosporium)'], *Subsidios para o Estudo Parasitologico do Genero Hyalopus Corda*, **1838** (Thesis), Recife, p. 39, 1941. (Syn. *Cephalosporium recifei* Leão & Lôbo).

—**rubrobrunneus** (Nannizzi) Barbosa [as 'Hyalopus (Eucephalosporium) rubrobrunneum'], *Subsidios para o Estudo Parasitologico do Genero Hyalopus Corda*, **1838** (Thesis), Recife, p. 44, 1941. (Syn. *Cephalosporium rubrobrunneum* Nannizzi).

—**serrae** (Maffei) Barbosa [as 'Hyalopus (Maffeiella)'], *Subsidios para o Estudo Para-*

sitologico do Genero *Hyalopus Corda*, 1838 (Thesis), Recife, p. 19, 1941. (Syn. *Cephalosporium serrae* Maffei).

— **[*Hyalopus*] spinosus** (Negroni) Barbosa [as 'Hyalopus (Eucephalosporium) spinosum'], *Subsidios para o Estudo Parasitologico do Genero Hyalopus Corda, 1838* (Thesis), Recife, p. 28, 1941. (Syn. *Cephalosporium spinosum* Negroni).

— **stuehmeri** (Schmidt & Van Beyma) Barbosa [as 'Hyalopus (Eucephalosporium)'], *Subsidios para o Estudo Parasitologico do Genero Hyalopus Corda, 1838* (Thesis), Recife, p. 43, 1941. (Syn. *Cephalosporium stuehmeri* Schmidt & Van Beyma).

— **tumefaciens** (Wint.) Maia in *Publ. Inst. Mic. Univ. Recife*, 267, p. 18, 1960. (Syn. *Cephalosporium tumefaciens* Wint.).

Hydnellum spongiosipes (Peck) Pouzar in *Ces. Mykol.*, 14, p. 130, 1960. (Syn. *Hydnnum spongiosipes* Peck).

Hydnnum fimbriatum Iwade in *Bull. Tokyo Univ. For.*, 33, p. 53, 1944 on fallen trunk of *Abies sachliensis* var. *schmidtii*.—Japan.

Hygrocybe autoconica (Clem.) Sing. forma *japonica* Hongo in S. Ito, *Mycological Flora of Japan*, 2(5), p. 75, 1959. (Syn. *Hygrophorus autoconicus* forma *japonicus* Hongo (this Index, 2, p. 312) and *Hygrocybe autoconica* forma *japonica* Hongo, 1956, published simultaneously as alternative names [see Art. 33]).

— **imazekii** Hongo in S. Ito, *Mycological Flora of Japan*, 2(5), p. 81, 1959. (Syn. *Hygrophorus imazekii* Hongo (this Index, 2, p. 239) and *Hygrocybe imazekii* Hongo, 1955, published simultaneously as alternative names [see Art. 33]).

— **macrospora** (S. Ito & Imai) S. Ito, *Mycological Flora of Japan*, 2(5), p. 75, 1959. (Syn. *Hygrophorus macrosporus* S. Ito & Imai).

— **miniatostriata** (S. Ito & Imai) S. Ito, *Mycological Flora of Japan*, 2(5), p. 85, 1959. (Syn. *Hygrophorus miniatostriatus* S. Ito & Imai).

— **parvococcinea** (S. Ito & Imai) S. Ito, *Mycological Flora of Japan*, 2(5), p. 77, 1959. (Syn. *Hygrophorus parvococcineus* S. Ito & Imai).

— **pseudococcinea** Hongo in S. Ito, *Mycological Flora of Japan*, 2(5), p. 78, 1959. (Syn. *Hygrophorus pseudococcineus* Hongo (this Index, 2, p. 212) and *Hygrocybe pseudococcinea* Hongo, 1955, published simultaneously as alternative names [see Art. 33]).

— **stagnina** Hongo in S. Ito, *Mycological Flora of Japan*, 2(5), p. 80, 1959. (Syn. *Hygrophorus stagninus* Hongo (this Index, 2, p. 384) and *Hygrocybe stagnina*, Hongo, 1957, published simultaneously as alternative names [see Art. 33]).

— **subvitellina** (Imai) S. Ito [as 'subvitterina'], *Mycological Flora of Japan*, 2(5), p. 79, 1959. (Syn. *Hygrophorus subvitellinus* Imai).

Hygrophoropsis fuscosquamula Orton in *Trans. Brit. mycol. Soc.*, 43, p. 245, 1960.—England.

Hygrophorus aurantiosplendens (Haller) Orton [as 'Hygrophorus (Hygrocybe)'] in *Trans. Brit. mycol. Soc.*, 43, p. 176, 1960. (Syn. *Hygrocybe aurantiosplendens* Haller).

— **berkeleyi** Orton [as 'Hygrophorus (Camarophyllum)'] in *Trans. Brit. mycol. Soc.*, 43, p. 259, 1960.—England.

— **brevispora** (F. H. Möller) Orton [as 'Hygrophorus (Hygrocybe)'] in *Trans. Brit. mycol. Soc.*, 43, p. 176, 1960. (Syn. *Hygrocybe brevispora* F. H. Möller).

— **coccineocrenatus** Orton [as 'Hygrophorus (Hygrocybe)'] in *Trans. Brit. mycol. Soc.*, 43, p. 262, 1960.—England.

— **conicoides** Orton [as 'Hygrophorus (Hygrocybe)'] in *Trans. Brit. mycol. Soc.*, 43, p. 262, 1960.—England.

— **conicus** (Fr.) Fr. forma *carbonarius* Hongo in *J. Jap. Bot.*, 35, p. 83, 1960 on charcoal heaps.—Japan.

— **glutinipes** (J. Lange) Orton [as 'Hygrophorus (Hygrocybe)'] in *Trans. Brit. mycol. Soc.*, 43, p. 176, 1960. (Syn. *Hygrocybe citrina* var. *glutinipes* J. Lange).

— **konradii** (Haller) Orton [as 'Hygrophorus (Hygrocybe)'] in *Trans. Brit. mycol. Soc.*, 43, p. 176, 1960. (Syn. *Hygrocybe konradii* Haller).

— **olivaceoniger** Orton [as 'Hygrophorus (Hygrocybe)'] in *Trans. Brit. mycol. Soc.*, 43, p. 263, 1960.—England.

— **purpureofolius** Bigelow in *Rhodora*, 62, 739, p. 190, July 1960.—Massachusetts, U.S.A.

— **splendidissimus** Orton [as 'Hygrophorus (Hygrocybe)'] in *Trans. Brit. mycol. Soc.*, 43, p. 265, 1960.—England.

— **strangulatus** Orton [as 'Hygrophorus (Hygrocybe)'] in *Trans. Brit. mycol. Soc.*, 43, p. 266, 1960.—England.

— **subcinnabarinus** Hongo in *J. Jap. Bot.*, 35, p. 83, 1960.—Japan.

— **subglobisporus** Orton [as 'Hygrophorus (Hygrocybe)'] in *Trans. Brit. mycol. Soc.*, 43, p. 267, 1960.—England.

— **subminutulus** (Murrill) Orton [as 'Hygrophorus (Hygrocybe)'] in *Trans. Brit. mycol. Soc.*, 43, p. 176, 1960. (Syn. *Hygrocybe subminutula* Murrill [as 'Hydrocybe']). [Combination already made by Murrill, 1940 (this Index, 1, p. 5).]

— **substrangulatus** Orton [as 'Hygrophorus (Hygrocybe)'] in *Trans. Brit. mycol. Soc.*, 43, p. 269, 1960.—England.

— **xanthochrous** Orton [as 'Hygrophorus (Hygrocybe)'] in *Trans. Brit. mycol. Soc.*, 43, p. 271, 1960.—Scotland.

Hymenochaete caxangaensis Batista & Vital in *Atas Inst. Mic. Univ. Recife*, 1, p. 361, 1960.—Brazil.

Hypholoma ericaeoides Orton in *Trans. Brit. mycol. Soc.*, 43, p. 273, 1960.—England.

— **laeticolor** (F. H. Möller) Orton in *Trans. Brit. mycol. Soc.*, 43, p. 176, 1960. (Syn. *Naematoloma laeticolor* F. H. Möller).

Hysterostoma floridanum (Tracey & Earle) Batista & Vital [as 'floridana'] in *Atas Inst. Mic. Univ. Recife*, 1, p. 140, 1960. (Syn. *Hysterostomella floridana* Tracey & Earle).

— **maritzburgense** Batista & Vital [as 'maritzburgensis'] in *Atas Inst. Mic. Univ. Recife*, 1, p. 143, 1960 on *Aloe natalensis*.—Natal, S. Africa.

— **mimusopis** (Doidge) Batista, Vital & Nascimento [as 'mimusopidis'] in *Atas Inst. Mic. Univ. Recife*, 1, p. 148, 1960. (Syn. *Asterinella mimusopidis* [sic] Doidge).

Hysterostomella tetracerae (Rud.) Höhnel var. *microspora* Batista & Vital in *Atas Inst. Mic. Univ. Recife*, 1, p. 213, 1960 on leaves of *Davilla rugosa*.—Brazil.

Hysterostomina bosciae (Doidge) Batista & Vital in *Atas Inst. Mic. Univ. Recife*, 1, p. 53, 1960. (Syn. *Cyclothecea bosciae* Doidge).

[**Hysterostomina**] *bromeliae* Batista & Vital in *Atas Inst. Mic. Univ. Recife*, **1**, p. 57, 1960 on leaves of *Bromelia*.—Brazil.

— *doidgeae* Batista & Vital [as 'doidgei'] in *Atas Inst. Mic. Univ. Recife*, **1**, p. 61, 1960 on leaves of *Olea capensis*.—Cape Province, S. Africa.

— *rhytismoides* (Berk. & Curt.) Batista & Vital [as '(Schw.)'] in *Atas Inst. Mic. Univ. Recife*, **1**, p. 66, 1960. (Syn. *Lembosia rhytismoides* Berk. & Curt. [*Dothidea rhytismoides* Schw., nom. nud.]).

— *sabalicola* (Tracey & Earle) Batista & Vital in *Atas Inst. Mic. Univ. Recife*, **1**, p. 70, 1960. (Syn. *Hysterostomella sabalicola* Tracey & Earle).

Inocybe agardhii (N. Lund) Orton [as 'Inocybe (Inocybe)'] in *Trans. Brit. mycol. Soc.*, **43**, p. 177, 1960. (Syn. *Agaricus agardhii* N. Lund).

— *brunneo-atra* (Heim) Orton [as 'Inocybe (Inocybe)'] in *Trans. Brit. mycol. Soc.*, **43**, p. 177, 1960. (Syn. *Inocybe descissa* (Fr.) Quél. var. *brunneo-atra* Heim).

— *devoniensis* T. J. Wallace [as 'Inocybe (Inocybe)'] apud Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 274, 1960 in dune slacks.—England.

— *dunensis* Orton [as 'Inocybe (Clypeus)'] in *Trans. Brit. mycol. Soc.*, **43**, p. 277, 1960 in dune slacks.—England.

— *glabrodisca* Orton [as 'Inocybe (Clypeus)'] in *Trans. Brit. mycol. Soc.*, **43**, p. 279, 1960.—England.

— *obscuroides* Orton [as 'Inocybe (Inocybe)'] in *Trans. Brit. mycol. Soc.*, **43**, p. 276, 1960.—England.

— *striatorimosa* Orton [as 'Inocybe (Clypeus)'] in *Trans. Brit. mycol. Soc.*, **43**, p. 279, 1960.—England.

— *xanthocephala* Orton [as 'Inocybe (Inocybe)'] in *Trans. Brit. mycol. Soc.*, **43**, p. 277, 1960.—England.

Iola cartilaginea Rick in *Iheringia*, Sér. bot., **2**, p. 17, 1958.—Brazil.

— *minima* Rick in *Iheringia*, Sér. bot., **2**, p. 16, 1958 on mosses.—Brazil.

— *orthosacca* Rick var. *longispora* Rick in *Iheringia*, Sér. bot. **2**, p. 16, 1958 on rotten wood.—Brazil.

Irenopsis viticifolia Batista & Carneiro [as 'vitifolia'] in *Atas Inst. Mic. Univ. Recife*, **1**, p. 25, 1960 on leaves of *Vitex*.—Puerto Rico.

ISSATCHENKIA Kudriavzev in Бот. матер. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.), **13**, p. 143, 1960.—Saccharomyctaceae.

— *orientalis* Kudriavzev in Бот. матер. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.), **13**, p. 143, 1960.—U.S.S.R.

JACULISPORA Hudson & Ingold in *Trans. Brit. mycol. Soc.*, **43**, p. 475, 1960.—Moniliales. Sp. typ.: *J. submersa*.

— *submersa* Hudson & Ingold in *Trans. Brit. mycol. Soc.*, **43**, p. 475, 1960 on rotten submerged leaves.—Jamaica.

Johansonia brasiliensis Arx in *Publ. Inst. Mic. Univ. Recife*, **288**, p. 22, 1960 on leaves of *Inga*.—Brazil.

Kabatiella babajanii Negru in *Izv. Acad. Sci. Artyan S.S.R.*, **13**, 2, p. 87, 1960 on fruits of *Berberis vulgaris*.—Romania.

— *gleditschiae* Negru in *Izv. Acad. Sci. Artyan S.S.R.*, **13**, 2, p. 88, 1960 on fruits of *Gleditschia 'triacanthus'* [*triacanthos*].—Romania.

KARLINGIOMYCES Sparrow, *Aquatic Phycomycetes*, Ed. 2, p. 559, 1960.—Chytridiales. Sp. typ.: *K. asterocystis*.

— *asterocystis* [sic] (Karling) Sparrow, *Aquatic Phycomycetes*, Ed. 2, p. 560, 1960. (Syn. *Karlingia asterocysta* [sic] Karling).

— *curvispinosus* (Karling) Sparrow, *Aquatic Phycomycetes*, Ed. 2, p. 560, 1960. (Syn. *Karlingia curvispinosa* Karling).

— *dubius* (Karling) Sparrow, *Aquatic Phycomycetes*, Ed. 2, p. 561, 1960. (Syn. *Karlingia dubia* Karling).

— *granulatus* (Karling) Sparrow, *Aquatic Phycomycetes*, Ed. 2, p. 563, 1960. (Syn. *Karlingia granulata* Karling).

— *lobatus* (Karling) Sparrow, *Aquatic Phycomycetes*, Ed. 2, p. 563, 1960. (Syn. *Karlingia lobata* Karling).

— *marilandicus* [sic] (Karling) Sparrow, *Aquatic Phycomycetes*, Ed. 2, p. 562, 1960. (Syn. *Karlingia marylandia* [sic] Karling).

KMETIOPSIS Batista & Peres in *Publ. Inst. Mic. Univ. Recife*, **245**, p. 4, 1960.—Moniliales: Tuberculariaceae. Sp. typ.: *K. hymenaeae*.

— *hymenaeae* Batista & Peres in *Publ. Inst. Mic. Univ. Recife*, **245**, p. 6, 1960 on leaves of *Hymenaea*.—Brazil.

Kneiffiella parvispora Rick in *Iheringia*, Sér. bot., **4**, p. 111, 1959 on wood.—Brazil.

— *sparsa* Rick in *Iheringia*, Sér. bot., **4**, p. 112, 1959.—Brazil.

KNEMIOTHYRIUM Batista & Bezerra in *Publ. Inst. Mic. Univ. Recife*, **280**, p. 5, 1960. Sphaeropsidales: Rhizothyriaceae. Sp. typ.: *K. weldenii*.

— *weldenii* Batista & Bezerra in *Publ. Inst. Mic. Univ. Recife*, **280**, p. 6, 1960 on leaves of *Dactyloides*.—Jamaica.

KOBAYASIA Imai & Kawamura in *Sci. Rep. Yokohama Nat. Univ.*, Sect. 2, **7**, p. 5, 1958.—Gasteromycetes. Sp. typ.: *K. nipponica*.

— *nipponica* (Kobay.) Imai & Kawamura in *Sci. Rep. Yokohama Nat. Univ.*, Sect. 2, **7**, p. 5, 1958. (Syn. *Protubera nipponica* Kobay.).

Kuehneromyces nameko (T. Ito) S. Ito, *Mycological Flora of Japan*, 2(5), p. 355, 1959. (Syn. *Collybia nameko* T. Ito).

— var. *squamipes* (Kawam.) S. Ito, *Mycological Flora of Japan*, 2(5), p. 355, 1959. (Syn. **Collybia nameko* T. Ito var. *squamipes* Kawam.).

***KURSSANOVIA** Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 247, 1953.—Moniliales.

*— *triseptata* Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 247, 1953.

Laboulbenia shanorii Bánhegyi in *Ann. Univ. Sci. Budapest*, Sect. biol., **3**, p. 54, 1960 on *Neotrechus suturalis*.—Jugoslavia.

— *vulgaris* Peyr. var. *perileptii* Bánhegyi in *Ann. Univ. Sci. Budapest*, Sect. biol., **3**, p. 53, 1960 on *Perileptus areolatus*.—Jugoslavia.

Laccaria bicolor (R. Maire) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 177, 1960. (Syn. *Laccaria laccata* (Scop. ex. Fr.) Cooke var. *bicolor* R. Maire).

Lactarius alnicola A. H. Smith apud Hesler & Smith in *Brittonia*, **12**, p. 319, 1960.—Idaho, U.S.A.

— **betulae** A. H. Smith apud Hesler & Smith in *Brittonia*, **12**, p. 309, 1960.—Michigan, U.S.A.

— **canadensis** A. H. Smith apud Hesler & Smith in *Brittonia*, **12**, p. 346, 1960.—Michigan, U.S.A.

— **carbonicola** A. H. Smith apud Hesler & Smith in *Brittonia*, **12**, p. 342, 1960.—Michigan, U.S.A.

— **carolinensis** Hesler in *Brittonia*, **12**, p. 331, 1960.—N. Carolina, U.S.A.

— **cookei** Z. Schaefer in *Čes. Mykol.*, **14**, 4, p. 236, 1960 in coniferous mountain woods.—Czechoslovakia.

— **duplicatus** A. H. Smith apud Hesler & Smith in *Brittonia*, **12**, p. 329, 1960.—Ontario, Canada.

— **echinosporus** Z. Schaefer in *Čes. Mykol.*, **14**, 4, p. 237, 1960 in woods.—Czechoslovakia.

— **lacunarum** Hora in *Trans. Brit. mycol. Soc.*, **43**, p. 444, 1960.—England. (See also *L. lacunarum* (Romagn.) Lange, 1940 [this Index, **1**, p. 135], syn. *L. decipiens* var. *lacunarum* Romagn., 1938, without Latin diagnosis.)

— **microsporus** P. Sossin in Bot. matep. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **13**, p. 218, 1960.—Ukraine.

— **nordmanensis** A. H. Smith apud Hesler & Smith in *Brittonia*, **12**, p. 308, 1960.—Idaho, U.S.A.

— **occidentalis** A. H. Smith apud Hesler & Smith in *Brittonia*, **12**, p. 347, 1960.—Washington, U.S.A.

— **payettensis** A. H. Smith apud Hesler & Smith in *Brittonia*, **12**, p. 324, 1960.—Idaho, U.S.A.

— var. **canadensis** A. H. Smith apud Hesler & Smith in *Brittonia*, **12**, p. 325, 1960.—Quebec, Canada.

— **pseudodelicatus** A. H. Smith [as 'pseudodelicatus'] apud Hesler & Smith in *Brittonia*, **12**, p. 310, 1960.—Michigan, U.S.A.

— **resimus** Fr. var. **insipidus** A. H. Smith apud Hesler & Smith in *Brittonia*, **12**, p. 317, 1960.—Michigan, U.S.A.

— var. **intermedius** A. H. Smith apud Hesler & Smith in *Brittonia*, **12**, p. 317, 1960.—Idaho, U.S.A.

— **salmonicolor** Heim & Leclair nom. nov. in *Rev. Mycol., Paris*, N.S., **18**, p. 221, 1953. (Syn. *L. salmoneus* Heim & Leclair, 1950 [this Index, **2**, p. 22], non Peck, 1898).

— **scrobiculatus** (Scop. ex Fr.) Fr. var. **pubescens** A. H. Smith apud Hesler & Smith in *Brittonia*, **12**, p. 323, 1960.—Michigan, U.S.A.

— **subsericeus** Hora in *Trans. Brit. mycol. Soc.*, **43**, p. 445, 1960.—England.

— **substriatus** A. H. Smith apud Hesler & Smith in *Brittonia*, **12**, p. 326, 1960.—Washington, U.S.A.

— **subtomentosus** Z. Schaefer in *Čes. Mykol.*, **14**, 4, p. 237, 1960.—Czechoslovakia.

— **subvernalis** Hesler & A. H. Smith in *Brittonia*, **12**, p. 340, 1960.—Texas, U.S.A.

— **vinaceorufescens** A. H. Smith [as 'vinaceo-rufescens'] apud Hesler & Smith in *Brittonia*, **12**, p. 334, 1960.—Michigan, U.S.A.

— var. **fallax** Hesler & A. H. Smith in *Brittonia*, **12**, p. 335, 1960.—Michigan, U.S.A.

Laetinaevia tithymalina (J. Kunze) Dennis, *British Cup Fungi and their Allies*, p. 124, 1960. (Syn. *Calloria tithymalina* J. Kunze).

— **tripolii** (Berk. & Br.) Dennis, *British Cup Fungi and their Allies*, p. 125, 1960. (Syn. *Peziza tripolii* Berk. & Br.).

Laetiporus sulphureus (Bull. ex Fr.) Murr. var. **miniatus** (Jungh.) Imazeki in *Bull. Tokyo Sci. Mus.*, **6**, p. 88, 1943. (Syn. *Polyporus miniatus* Jungh.).

LAEVIOMELIOLA Batista in *Atas Inst. Mic. Univ. Recife*, **1**, p. 224, 1960.—Meliolaceae. Sp. typ.: *L. psidii*.

— **psidii** Batista in *Atas Inst. Mic. Univ. Recife*, **1**, p. 225, 1960 on leaves of *Psidium guajava*.—Brazil.

Leccinum holopus (Rostk.) Watling in *Trans. Brit. mycol. Soc.*, **43**, p. 692, 1960. (Syn. *Boletus holopus* Rostk.).

— **percandidum** (Vassilk.) Watling in *Trans. Brit. mycol. Soc.*, **43**, p. 691, 1960. (Syn. *Boletus percandidus* Vassilk.).

LEMBOSIELLINA Batista & Maia in *Atas Inst. Mic. Univ. Recife*, **1**, p. 323, 1960.—Asterinaceae. Sp. typ.: *L. pernambucensis*.

— **pernambucensis** Batista & Maia in *Atas Inst. Mic. Univ. Recife*, **1**, p. 324, 1960 on leaves of *Didymopanax morototoni*.—Brazil.

Lentinellus flabelliformis (Bolt. ex Fr.) S. Ito, *Mycological Flora of Japan*, **2(5)**, p. 151, 1959. (Syn. *Agaricus flabelliformis* Bolt. ex Fr.). [Combination also made by Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 177, 1960.]

— **lauroceraci** (Berk. & Br.) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 177, 1960. (Syn. *Agaricus laurocerasi* Berk. & Br.).

Lentinus edodes (Berk.) Singer in *Lilloa*, **22** (1949), p. 279, 1951. (Syn. *Agaricus edodes* Berk.).

Lepiota brunneocingulata Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 282, 1960.—England.

— **cookei** Hora in *Trans. Brit. mycol. Soc.*, **43**, p. 446, 1960 in coniferous litter.—England.

— **huysmanii** Wichański [as 'Huysmani'] in *C.C.H. mykol. Sborn.*, **37**, p. 121, 1960. (*Lepiota rufescens* (Berk. & Br.) Lange, sensu Huysman, 1943.)

— **konradii** Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 283, 1960.—Engalnd.

— **kuehneri** Hora in *Trans. Brit. mycol. Soc.*, **43**, p. 488, 1960 in pine woods.—England. (See also **L. kuehneri* Huisman, 1943 [this Index, **1**, p. 208].)

— **leucothites** (Vitt.) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 177, 1960. (Syn. *Agaricus leucothites* Vitt.).

† **obscura** (Locquin) Babos in *Ann. hist.-nat. Mus. hung.*, **50**, p. 89, 1958. (Syn. *Lepiota griseovirens* Maire subsp. *obscura* Locquin).

— **ochraceofulva** Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 284, 1960.—England.

— **pseudohelvola** Hora in *Trans. Brit. mycol. Soc.*, **43**, p. 449, 1960.—England. (See also *L. pseudohelvola* Kühner, 1936 [*Petrak's List*, **8**], without Latin diagnosis.)

— **pulverulenta** Huisman in *Persoonia*, **1**, 3, p. 328, 1960.—Switzerland.

— **rhodorhiza** Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 285, 1960.—England. (See also *L. rhodorhiza* (Romagn. & Locq.) Locquin, 1945, syn. *L. setulosa* var. *rhodorhiza* Romagn. & Locq., 1945 [this Index, **1**, p. 242], without Latin diagnosis.)

— **sistrata** Fr. forma **minima** (Lange) Babos

in *Ann. hist.-nat. Mus. hung.*, **50**, p. 91, 1958.
(Syn. *Lepiota seminuda* Fr. forma *minima* Lange).

[*Lepiota*] *sororia* Huijsman in *Persoonia*, **1**, 3, p. 326, 1960.—Switzerland.

— *subalba* Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 287, 1960.—England. (See also *L. subalba* Kühner 'nom. nov.', 1936 [Petrak's List, 8], without Latin diagnosis.)

— *sublittoralis* Hora in *Trans. Brit. mycol. Soc.*, **43**, p. 450, 1960 in deciduous woods.—England. (See also *L. sublittoralis* Kühner, 1936 [Petrak's List, 8, p. 52], without Latin diagnosis.)

— *tenua* Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 288, 1960.—England.

— *xanthophylla* Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 289, 1960.—England.

Lepista *saeva* (Fr.) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 177, 1960. (Syn. *Agaricus personatus* **A. saevus* Fr.).

— *subnuda* Hongo in *J. Jap. Bot.*, **35**, p. 85, 1960.—Japan.

Leptonia babingtonii (Blox.) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 177, 1960. (Syn. *Agaricus babingtonii* Blox.).

— *caerulea* Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 290, 1960.—England.

— *caesiocincta* (Kühn.) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 177, 1960. (Syn. *Rhodophyllus caesiocinctus* Kühn.).

— *cephalotricha* Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 291, 1960.—England.

— *coelestina* (Fr.) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 177, 1960. (Syn. *Agaricus coelestinus* Fr.).

— *corvina* (Kühn.) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 177, 1960. (Syn. *Rhodophyllus corvinus* Kühn.).

— *cyanoviridescens* Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 292, 1960.—Scotland.

— *exilis* (Fr. ex Fr.) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 177, 1960. (Syn. *Agaricus exilis* Fr. ex Fr.).

— *fulva* Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 293, 1960.—Scotland.

— *fulvostrigosa* (Berk. & Br.) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 177, 1960. (Syn. *Agaricus fulvostrigosus* Berk. & Br.).

— *griseocyanea* (Fr. ex Fr.) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 177, 1960. (Syn. *Agaricus griseocyaneus* Fr. ex Fr.).

— *griseorubella* (Lasch) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 177, 1960. (Syn. *Agaricus griseorubellus* Lasch).

— *induta* (Boud.) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 177, 1960. (Syn. *Entoloma indutum* Boud.).

— *indutoides* Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 295, 1960.—England.

— *inocybeoides* Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 296, 1960.—England.

— *leptonipes* (Kühn. & Romagn.) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 177, 1960. (Syn. *Rhodophyllus leptonipes* Kühn. & Romagn.).

— *lividocyanula* (Kühn.) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 178, 1960. (Syn. *Rhodophyllus lividocyanulus* Kühn.).

— *majuscula* (Kühn. & Romagn.) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 178, 1960. (Syn. *Rhodophyllus majusculus* Kühn. & Romagn.).

— *mougeotii* (Fr.) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 178, 1960. (Syn. *Eccilia mougeotii* Fr.).

— *nigroviolacea* Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 296, 1960.—Scotland.

— *pernitrosa* Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 297, 1960.—England.

— *polita* (Pers. ex Fr.) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 178, 1960. (Syn. *Agaricus politus* Pers. ex Fr.).

— *pulverea* (Rea) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 178, 1960. (Syn. *Entoloma pulvereum* Rea).

— *pyrospila* Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 298, 1960.—Scotland.

— *sarcitula* Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 301, 1960.—Scotland.

— *sericeoides* (J. Lange) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 178, 1960. (Syn. *Rhodophyllus sericeoides* J. Lange).

— *strigosissima* (Rea) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 178, 1960. (Syn. *Nolanea strigosissima* Rea).

Leptosphaeria dianthi Golovina, 1959 (this Index, **2**, p. 546) is a later homonym of *L. dianthi* Hollós, 1926 (Petrak's List, **3**), and Kristov, 1931.

— *helianthi* Tilak apud Viswanathan & Tilak in *Mycopathologia*, **13**, p. 241, 1960 on dry stems of *Helianthus annuus*.—Poona, India.

— *hypericola* Gucevitz [as 'hypericola'] in Bot. mat. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.), **13**, p. 183, 1960 on dry perennial parts of *Hypericum alpestre*.—Tauria, U.S.S.R.

Leptothyrium calystegiae Mechtijeva in Rep. Acad. Sci. Azerbaidjhan S.S.R., **16**, 4, p. 393, 1960 on dry stems of *Calystegia silvatica*.—Azerbaidjhan SSR.

Leptoxyphium bahiense Batista & Ciferri apud Ciferri, Batista & Montemartini in Atti Ist. bot. Univ. Pavia, Ser. 5, **18**, p. 311, 1960 on leaves of *Achras sapota*.—Brazil.

— *casuarinae* (MacAlp.) Batista & Ciferri apud Ciferri, Batista & Montemartini in Atti Ist. bot. Univ. Pavia, Ser. 5, **18**, p. 311, 1960. (Syn. *Capnodium casuarinae* MacAlpine).

— *indicum* Batista & Ciferri apud Ciferri, Batista & Montemartini in Atti Ist. bot. Univ. Pavia, Ser. 5, **18**, p. 311, 1960 on *Kickxia*.—Java. (Pycnidial *Capnophaeum indicum* (Bern.) Speg.)

— *spongiosum* Batista, Nascimento & Ciferri apud Ciferri, Batista & Montemartini in Atti Ist. bot. Univ. Pavia, Ser. 5, **18**, p. 311, 1960 on leaves of *Fagus americana*.—U.S.A. (Pycnidial *Scorias spongiosa* [Schw.] Fr.)

— *unedonis* (Maire & Sacc.) Batista & Ciferri apud Ciferri, Batista & Montemartini in Atti Ist. bot. Univ. Pavia, Ser. 5, **18**, p. 311, 1960. (Syn. *Antennaria unedonis* Maire & Sacc.).

— *xylophilum* Ciferri, Batista & Montemartini in Atti Ist. bot. Univ. Pavia, Ser. 5, **18**, p. 311, 1960 on coniferous wood.—U.S.A.

LEUCOCONIELLA Batista, Maia & Peres in Brotéria, N.S., **29**, 3–4, p. 130, 1960.—Erysiphales. Sp. typ.: *L. paraguayensis*.

— *paraguayensis* Batista, Maia & Peres in Brotéria, N.S., **29**, 3–4, p. 131, 1960 on leaves of Sapindaceae.—Paraguay.

Leucocoprinus japonicus (Kawam.) S. Ito, Mycological Flora of Japan, 2(5), p. 272, 1959. (Syn. **Lepiota japonica* Kawam.).

Leucopaxillus giganteus (Fr.) Singer subsp. *buekkenii* Bohus [as 'bükkenensis'] in Bot. Közl., **47**, 3–4, p. 276, 1958.—Hungary.

Libertella fraxinea Oganova in Bot. mat. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci.

U.S.S.R.), **13**, p. 271, 1960 on bark and wood of branches of *Fraxinus excelsior*.—Tauria, U.S.S.R.

Limacella roseofloccosa Hora in *Trans. Brit. mycol. Soc.*, **43**, p. 450, 1960.—England.

— *subglischra* (Imai) S. Ito, *Mycological Flora of Japan*, **2(5)**, p. 251, 1959. (Syn. *Lepiota subglischra* Imai).

***LINKOMYCES** Golovin in *Sborn. Rab. Inst. Prikl. zool. Fitopat.*, **5**, p. 127, 1958.—Perisporiales.

Linotexis tympani-malleus Deighton in *Mycol. Pap.*, *C.M.I.*, **78**, p. 7, 1960 on leaves of *Salacia pyriformis*.—Sierra Leone.

Lloydella abietina (Pers. ex Fr.) S. Ito, *Mycological Flora of Japan*, **2(4)**, p. 145, 1955. (Syn. *Thelephora abietina* Pers. ex Fr.).

— *alba* Rick var. *argillacea* Rick in *Iheringia*, Sér. bot., **4**, p. 73, 1959.—Brazil.

— *berkeleyana* (Ces.) Rick, 1940 (this *Index*, **1**, p. 17). Combination already made by Rick in 1934 (*Petrak's List*, **7**, as '*Lloydella*').

— *boninensis* (Yasuda) S. Ito, *Mycological Flora of Japan*, **2(4)**, p. 150, 1955. (Syn. *Stereum boninense* Yasuda).

— *expallens* Rick var. *intermedia* Rick in *Iheringia*, Sér. bot., **4**, p. 78, 1959.—Brazil.

— *farinacea* Rick in *Iheringia*, Sér. bot., **4**, p. 76, 1959 on a branch.—Brazil.

— *hamamelidis* (Yasuda) S. Ito, *Mycological Flora of Japan*, **2(4)**, p. 145, 1955. (Syn. *Stereum hamamelidis* Yasuda).

— *holochrysea* Rick in *Iheringia*, Sér. bot., **4**, p. 74, 1959 on wood.—Brazil.

— *intermedia* Rick in *Iheringia*, Sér. bot., **4**, p. 74, 1959 on decorticated wood.—Brazil.

— *lactea* Rick in *Iheringia*, Sér. bot., **4**, p. 77, 1959 on wood.—Brazil.

— *retirugis* (Cooke) Rick var. *griseorubra* Rick [as '*griseo-rubra*'] in *Iheringia*, Sér. bot., **4**, p. 76, 1959.—Brazil.

— *rosea* (Yasuda) S. Ito, *Mycological Flora of Japan*, **2(4)**, p. 149, 1955. (Syn. *Stereum roseum* Yasuda).

— *rugispora* (Ell. & Ev.) S. Ito, *Mycological Flora of Japan*, **2(4)**, p. 146, 1955. (Syn. *Hymenochaete rugispora* Ell. & Ev.).

— *sepia* (Burt) S. Ito, *Mycological Flora of Japan*, **2(4)**, p. 149, 1955. (Syn. *Stereum sepium* Burt).

— *striispora* (Rick) Rick in *Iheringia*, Sér. bot., **4**, p. 78, 1959. (Syn. *Thelephora striispora* Rick).

— *tecta* Rick in *Iheringia*, Sér. bot., **4**, p. 79, 1959 on wood.—Brazil.

— *umbrina* (Berk. & Curt.) S. Ito, *Mycological Flora of Japan*, **2(4)**, p. 146, 1955. (Syn. *Stereum umbrinum* Berk. & Curt.).

— *versiformis* (Berk. & Curt.) S. Ito, *Mycological Flora of Japan*, **2(4)**, p. 149, 1955. (Syn. *Stereum versiforme* Berk. & Curt.).

Lophiostoma alpestre Gucevitz [as '*alpestris*'] in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **13**, p. 184, 1960 on dry stems of *Hypericum alpestre*.—Tauria, U.S.S.R.

Lycoperdon miyabei (Lloyd) S. Ito, *Mycological Flora of Japan*, **2(5)**, p. 549, 1959. (Syn. *Bovistella miyabei* Lloyd).

Lyophyllum fumosum (Pers. ex Fr.) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 178, 1960. (Syn. *Agaricus fumosus* Pers. ex Fr.).

— *multiforme* (Peck) Bigelow in *Rhodora*, **62**, 739, p. 193, July, 1960. (Syn. *Clitocybe multiformis* Peck).

Macrolepiota ampliospora P. Sossin in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **13**, p. 219, 1960.—Ukraine.

Macrophoma actinidiae Ablakatova in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **13**, p. 245, 1960 on dry stems of *Actinidia*.—Maritime Territory, U.S.S.R.

†**Malbranchea sulphurea** [sic] (Miehe) Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 170, 1953. (Syn. *Thermoidium sulfureum* Miehe).

MALUSTELA Batista & Lima in *Publ. Inst. Mic. Univ. Recife*, **263**, p. 5, 1960.—Moniliales. Sp. typ.: *M. aeria*.

— *aeria* Batista, Lima & Vasconcelos in *Publ. Inst. Mic. Univ. Recife*, **263**, p. 7, 1960 from the air.—Brazil.

Marasmiellus lacteus (Pers. ex Fr.) S. Ito [as '*lactea*'], *Mycological Flora of Japan*, **2(5)**, p. 185, 1959. (Syn. *Agaricus lacteus* Pers. ex Fr.).

— *paralacteus* (Imai) S. Ito [as '*paralactea*'], *Mycological Flora of Japan*, **2(5)**, p. 185, 1959. (Syn. *Mycena paralactea* Imai).

Marasmius chamaecyparidis Hongo in *J. Jap. Bot.*, **35**, p. 87, 1960 on fallen leaves, twigs and cones of conifers (chiefly *Chamaecyparis*, sometimes *Pinus*).—Japan.

Margarinomyces mutabilis Van Beyma in *Antonie van Leeuwenhoek*, **10**, p. 48, 1944 from river water.—Netherlands.

Masoniella tertia Batista, Lima & Vasconcelos in *Publ. Inst. Mic. Univ. Recife*, **263**, p. 14, 1960 from the air.—Brazil.

Massarina jasminicola Viswanathan in *Mycopathologia*, **13**, p. 240, 1960 on dry stems of *Jasminum malabaricum*.—Poona, India.

— *salicincola* Rehm var. *minor* Batista & Maia in *Brotéria*, N.S., **29**, 3-4, p. 134, 1960 on indet. stems.—Brazil. [In error as '*Massaria salicincola*' var. *minor*, in several places.]

MEGALODOCHIUM Deighton in *Mycol. Pap.*, *C.M.I.*, **78**, p. 17, 1960.—Moniliales. Sp. typ.: *M. palmicola*.

— *palmicola* Deighton in *Mycol. Pap.*, *C.M.I.*, **78**, p. 18, 1960 on dead leaf rachides of *Raphia hookeri*.—Sierra Leone.

Melanomma heraclei Gucevitz in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **13**, p. 188, 1960 on dry stems of *Heracleum pubescens*.—Tauria, U.S.S.R.

— *saviczii* Gucevitz in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **13**, p. 176, 1960 on dry leaves of *Thymus pseudothymus*.—Tauria, U.S.S.R.

***Melanospora asperrima** Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 71, 1953.

— *lunulata* Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 69, 1953.

— *sphaerodermoides* Grove var. *rubella* Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 69, 1953.

— *zobellii* Corda var. *minor* Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 68, 1953.

Meliola amomica Stevens var. *longispora* Batista in *Atas Inst. Mic. Univ. Recife*, **1**, p. 26, 1960 on leaves of *Amomis caryophylata*.—Puerto Rico.

— *bidentata* Cooke var. *elongata* Batista &

Maia in *Atas Inst. Mic. Univ. Recife*, **1**, p. 30, 1960 on indet. leaves.—Brazil.

[*Meliola*] *cassiifolii* Batista in *Atas Inst. Mic. Univ. Recife*, **1**, p. 32, 1960 on leaves of *Cassia bacillaris*.—Brazil.

— *cochlospermifolii* Batista in *Atas Inst. Mic. Univ. Recife*, **1**, p. 34, 1960 on leaves of *Cochlospermum insigne*.—Brazil.

— *cupanicola* Batista in *Atas Inst. Mic. Univ. Recife*, **1**, p. 36, 1960 on leaves of *Cupania revoluta*.—Brazil.

— *parreira* Batista in *Atas Inst. Mic. Univ. Recife*, **1**, p. 40, 1960 on leaves of *Cissampelos parreira*.—Brazil.

— *paulliniifolii* Batista [as 'paullinifolii'] in *Atas Inst. Mic. Univ. Recife*, **1**, p. 41, 1960 on leaves of *Paullinia pinnata*.—Brazil.

— *remireae* Batista in *Atas Inst. Mic. Univ. Recife*, **1**, p. 45, 1960 on leaves of *Remirea maritima*.—Brazil.

Melomastia clypeata Petrak var. *multiseptata* Batista & Bezerra in *Brotéria*, N.S., **29**, 3-4, p. 136, 1960 on stem of *Salix martiana*.—Brazil.

Melophia paraopebensis Batista & Peres in *Publ. Inst. Mic. Univ. Recife*, **281**, p. 8, 1960 on leaves of Myrtaceae.—Brazil.

Memnoniella subsimplex (Cooke) Deighton in *Mycol. Pap.*, C.M.I., **78**, p. 5, 1960. (Syn. *Stachybotrys subsimplex* Cooke).

Merulius lacrymans (Wulf.) Fr. var. *shastensis* Harmsen in *Friesia*, **6**, 4, p. 273, 1960.—California, U.S.A.

Metschnikowiella bicuspidata (Metschnikoff) Kudriavzev, Систематика дрожжей, p. 327, 1954. (Syn. *Monospora bicuspidata* Metschnikoff).

— *unicuspidata* (Keilin) Kudriavzev, Систематика дрожжей, p. 330, 1954. (Syn. *Monospora unicuspida* Keilin).

Microdiplodia granati M. Bondartzeva in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **13**, p. 205, 1960 on dead branches of *Punica granatum*.—U.S.S.R.

— *halimodendri* Gueevicz in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **13**, p. 252, 1960 on dry dead epidermal spines of *Halimodendron halodendron*.—Tauria, U.S.S.R.

— *pterocaryae* Gueevicz in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **13**, p. 263, 1960 on dry stems of *Pterocarya fraxinifolia*.—Tauria, U.S.S.R.

Micromphale brassicola (Romagn.) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 178, 1960. (Syn. *Marasmius brassicola* Romagn.).

— *cauvetii* Hora in *Trans. Brit. mycol. Soc.*, **43**, p. 451, 1960 in pine sawdust.—England. (See *Marasmius cauvetii* Maire & Kühner in *Ann. Soc. linn. Lyon*, **79** (1935), p. 2, 1936, without Latin diagnosis).

— *impudicum* (Fr.) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 178, 1960. (Syn. *Marasmius impudicus* Fr.).

Micromyces cristata (Scherffel) Sparrow [as 'cristata'], *Aquatic Phycomycetes*, Ed. 2, p. 201, 1960. (Syn. *Micromycopsis cristata* Scherffel var. *minor* Sparrow).

— var. *minor* (Sparrow) Sparrow, *Aquatic Phycomycetes*, Ed. 2, p. 201, 1960. (Syn. *Micromycopsis cristata* Scherffel var. *minor* Sparrow).

— *fischeri* (Scherffel) Sparrow, *Aquatic Phycomycetes*, Ed. 2, p. 202, 1960. (Syn. *Micromycopsis fischeri* Scherffel).

— *intermedius* (Canter) Sparrow [as 'intermedia'], *Aquatic Phycomycetes*, Ed. 2, p. 200, 1960. (Syn. *Micromycopsis intermediata* Canter).

— *mirabilis* (Canter) Sparrow, *Aquatic Phycomycetes*, Ed. 2, p. 199, 1960. (Syn. *Micromycopsis mirabilis* Canter).

— *oedogonii* (Roberts) Sparrow, *Aquatic Phycomycetes*, Ed. 2, p. 203, 1960. (Syn. *Micromycopsis oedogonii* Roberts).

— *zygnaemicola* (Cejp) Sparrow, *Aquatic Phycomycetes*, Ed. 2, p. 203, 1960. (Syn. *Micromycopsis zygaemicola* Cejp).

Micropeltella albomarginata (Speg.) Batista, 1959 (this *Index*, **2**, p. 548). Combination already made by H. & P. Sydow in *Ann. mycol., Berl.*, **11**, p. 404, 1913.

— *exilis* (Schulz.) Batista, 1959 (this *Index*, **2**, p. 528). Combination already made by Stevens & Manter, 1925 (*Petrak's List*, **3**).

— *leucoptera* (Penz. & Sacc.) Batista, 1959 (this *Index*, **2**, p. 548). Combination already made by H. & P. Sydow in *Ann. mycol., Berl.*, **11**, p. 404, 1913.

†**Microsporum duboisii** (Vanbr.) Ciferri [as 'duboisii'], *Manuale de Micologia Medica*, II, Ed. 2, p. 414, 1960. (Syn. *Sabouraudites duboisii* [sic] Vanbr.) [Also, and again not validly published, in Ed. 1, p. 414, 1958.]

— *langeronii* (Vanbr.) Ciferri [as 'langeroni'], *Manuale de Micologia Medica*, II, Ed. 2, p. 416, 1960 (Syn. *Sabouraudites langeronii* [sic] Vanbr.). [Also (validly published ?) in Ed. 1, p. 416, 1958.]

Microstroma pongamiae Munjal, Chona & Kapoor in *Indian Phytopath.*, **12** (1959), 2, p. 177, 1960 on leaves of *Pongamia glabra*.—Delhi, India.

Microthyriolum cordiae Batista, Peres & Leal in *An. Soc. Biol. Pernambuco*, **16**, p. 139, 1959 on leaves of *Cordia goeldiana*.—Brazil. [Also referred to, in error, as 'Microthyrium cordiae'.]

Microthyrium pithecolobii Batista & Costa in *An. Soc. Biol. Pernambuco*, **16**, p. 75, 1959 on leaves of *Pithecolobium*.—Brazil.

Monascostroma epilobii Batista, Maia & Peres in *Publ. Inst. Mic. Univ. Recife*, **284**, p. 12, 1960 on stems of *Epilobium angustifolium*.—Switzerland.

Monoblepharis laevis (Sparrow) Sparrow, *Aquatic Phycomycetes*, Ed. 2, p. 733, 1960. (Syn. *Monoblepharis macrandra* (Lagerheim) Woronin var. *laevis* Sparrow).

***Monopodium uredopis** Delacr. var. *asperum* Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 187, 1953.

Mucor bondarzevii Kulik in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **13**, p. 133, 1960 from soil.—Siberia, U.S.S.R.

Mycena angustispora Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 305, 1960.—England. [See also *M. angustispora* (Joss.) Kühner, *Le Genre Mycena*, p. 638, 1938, syn. *Omphalia angustispora* Joss., 1936, without Latin diagnosis.]

— *belliae* (Johnston) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 178, 1960. (Syn. *Agaricus belliae* Johnston).

— *carnicolor* Orton nom. nov. in *Trans. Brit. mycol. Soc.*, **43**, p. 178, 1960. (Syn. *Omphalia rosella* J. Lange, 1930, non *O. rosella* [Batsch] S. F. Gray, 1821, nec *Mycena rosella* (Fr.) Kummer, 1871).

[**Mycena**] *cypelloides* Orton nom. nov. in *Trans. Brit. mycol. Soc.*, **43**, p. 178, 1960. (Syn. *Omphalia gibba* [Alb. & Schw.] Pat., 1866, non *O. gibba* [Pers.] S. F. Gray, 1821.)

— *hypnorum* Hongo nom. nov. in S. Ito, *Mycological Flora of Japan*, 2(5), p. 213, 1959. (Syn. *Mycena umbilicata* Hongo, 1957 [this Index, 2, p. 392], non Dennis, 1951 [nec *Métrod*, 1949].)

— *lactella* Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 306, 1960 on pine needles.—England.

— *miserior* Huijsman in *Persoonia*, **1**, 3, p. 332, 1960.—Netherlands.

— *nigro-alba* Métrod in *Schweiz. Z. Pilz.*, **38**, p. 99, 1960 on tree stump.—Switzerland.

— *oortiana* Hora in *Trans. Brit. mycol. Soc.*, **43**, p. 452, 1960.—England.

— *pudica* Hora in *Trans. Brit. mycol. Soc.*, **43**, p. 452, 1960.—England.

— *tortuosa* Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 307, 1960.—England.

Mycocladus *altaini* Kulik in Bot. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **13**, p. 134, 1960 from soil.—Siberia, U.S.S.R.

MYCOPARA Batista & Bezerra in *Publ. Inst. Mic. Univ. Recife*, 286, p. 17, 1960.—Sphaeropsidales. Sp. typ.: *M. shawii*.

— *shawii* Batista & Bezerra in *Publ. Inst. Mic. Univ. Recife*, 286, p. 18, 1960 on *Dimorphosporiopsis macrospora* on *Pinus monticola*.—Idaho, U.S.A.

Mycosphaerella *donacis* Munjal, Chona & Kapoor in *Indian Phytopath.*, **12** (1959), 2, p. 177, 1960 on leaves of *Arundo donax*.—Uttar Pradesh, India.

— *grevilleae* Munjal, Chona & Kapoor in *Indian Phytopath.*, **12** (1959), 2, p. 177, 1960 on leaves of *Grevillea robusta*.—Uttar Pradesh, India.

— *laureolae* (Auersw.) Ciferri [as 'Lindau'] in *Syddavia*, **10** (1956), p. 146, 1957. (Syn. *Sphaerella laureolae* Auersw.). [Presumed first validly published recombination, since *Mycosphaerella laureolae* (Desm.) Lindau, 1897, was based on *Phyllosticta laureolae* Desm.].

— *panacis* Bunkina apud Bunkina & Bondarzew in Bot. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **13**, p. 131, 1960 on dead leaves of *Panax ginseng*.—Maritime Territory, U.S.S.R.

— *seseli* Gucevicz in Bot. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **13**, p. 190, 1960 on *Seseli dichotomum*, *S. gummiferum* and *S. lemannii*.—Tauria, U.S.S.R.

— *shikaeana* Hara in *Trans. mycol. Soc. Japan*, **2**, 4, p. 16, 1960 on leaves of *Damnacanthus angustifolius*.—Japan.

— *tocoyenae* Batista & Peres in *Publ. Inst. Mic. Univ. Recife*, 268, p. 12, 1960 on leaves of *Tocoyena brasiliensis*.—Brazil.

Myriangium *asterinosporum* (Ell. & Ev.) Petrak, 1959 (this Index, 2, p. 551). Combination already made by J. H. Miller, 1940 (this Index, 1, p. 17).

***Myrothecium** *catenulatum* Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 317, 1953.

MYXOMPHALIA Hora in *Trans. Brit. mycol. Soc.*, **43**, p. 453, 1960.—Agaricales. Sp. typ.: *M. maura*. (See also **Myxomphalia* (Kühner) Bigelow, 1959 [this Index, 2, p. 551].)

— *maura* (Fr.) Hora in *Trans. Brit. mycol. Soc.*, **43**, p. 453, 1960. (Syn. *Agaricus maurus* Fr.). (See also *M. maura* (Fr.) Bigelow, 1959 [this Index, 2, p. 551], not validly published.)

Myxomycidium *limpidum* Heim in *Rev. Mycol., Paris, N.S.*, **25**, p. 42, 1960 on rotten fallen trunk.—Mexico.

Myzocytium *microsporium* (Karling) Sparrow, *Aquatic Phycomycetes*, Ed. 2, p. 980, 1960. (Syn. *Lagenidium microsporum* Karlring).

Naematoloma *bulbosum* (Imai) S. Ito [as 'bulbosa'], *Mycological Flora of Japan*, 2(5), p. 336, 1959. (Syn. *Stropharia bulbosa* Imai).

— *rugoso-annulatum* (Farl.) S. Ito [as 'rugosoannulata'], *Mycological Flora of Japan*, 2(5), p. 337, 1959. (Syn. *Stropharia rugoso-annulata* Farlow).

— *forma luteum* (Hongo) S. Ito [as 'lutea'], *Mycological Flora of Japan*, 2(5), p. 337, 1959. (Syn. *Stropharia rugoso-annulata* Farlow forma *lutea* Hongo).

Naucoria *celluloderma* Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 314, 1960 under *Alnus*.—England.

— *cephalocentra* T. J. Wallace apud Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 315, 1960.—England.

— *permixta* Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 317, 1960 under *Salix*.—England.

— *salicis* Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 318, 1960 under *Salix*.—England.

— *sphagneti* Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 320, 1960 in *Sphagnum*.—Scotland.

— *stagninoides* Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 321, 1960.—Scotland.

— *striatula* Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 322, 1960 under *Alnus*.—England.

— *subconspersa* Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 323, 1960 under *Alnus*.—Scotland. (See also **N. subconspersa* Kühner, 1953 [this Index, 2, p. 245].)

— *sumptuosa* Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 324, 1960 on log of *Fagus*.—England.

— *zetlandica* Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 326, 1960 in *Sphagnum*.—Scotland.

***NEMADIPLODIA** Zambettakis [as 'Sibilia'] in *Bull. Soc. mycol. Fr.*, **70**, 3, p. 226, 1955. (*Diplodia* sect. *Nematodiplodia* Sibilia, 1927, excl. type). Sp. typ.: *N. anomala*.

Neottiella *rutilans* (Fr.) Dennis, *British Cup Fungi and their Allies*, p. 28, 1960. (Syn. *Peziza rutilans* Fr.).

Neurophyllum *fujisanense* (Imai) S. Ito [as 'fujisanensis'], *Mycological Flora of Japan*, 2(4), p. 103, 1955. (Syn. *Cantharellus fujisanensis* Imai).

Nidularia *heterospora* P. Sossin in Bot. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **13**, p. 213, 1960.—Kuril Islands, U.S.S.R.

Nigrospora *aerophila* Batista & Siqueira in *Publ. Inst. Mic. Univ. Recife*, 256, p. 8, 1960 from the air.—Brazil.

— *padwickii* Prasad, Agnihotri & Agarwal in *Curr. Sci.*, **29**, p. 353, 1960 on panicle of *Oryza sativa*.—Rajasthan, India.

Nolanea *canosericea* (J. Lange) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 178, 1960. (Syn. *Rhodophyllus canosericeus* J. Lange).

— *cucullata* (Favre) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 179, 1960. (Syn. *Rhodophyllus cucullatus* Favre).

— *cuspidifera* (Kühn. & Romagn.) Orton [as

‘cupidifer’] in *Trans. Brit. mycol. Soc.*, **43**, p. 179, 1960. (Syn. *Rhodophyllum cupidifer* Kühn. & Romagn.).

[*Nolanea*] *farinolens* Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 330, 1960.—Scotland.

— *fernandae* (Romagn.) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 179, 1960. (Syn. *Rhodophyllum fernandae* Romagn.).

— *hebes* (Romagn.) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 179, 1960. (Syn. *Rhodophyllum hebes* Romagn.).

— *juncina* (Kühn. & Romagn.) Orton [as ‘*juncinus*’] in *Trans. Brit. mycol. Soc.*, **43**, p. 179, 1960. (Syn. *Rhodophyllum juncinus* Kühn. & Romagn.).

— *lucida* Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 331, 1960.—England.

— *radiata* (J. Lange) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 179, 1960. (Syn. *Rhodophyllum elaphinus* Fr. var. *radiatus* J. Lange).

— *sericea* (Bull. ex Mérat) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 179, 1960. (Syn. *Agaricus sericeus* Bull. ex Mérat).

— *sericeonitens* Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 333, 1960.—England.

— *solstitialis* (Fr.) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 179, 1960. (Syn. *Agaricus aethiops* **A. solstitialis* Fr.).

— *tenella* (Favre) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 179, 1960. (Syn. *Rhodophyllum tenellus* Favre).

— *tenuipes* Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 334, 1960.—England.

— *testacea* (Bres.) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 179, 1960. (Syn. *Nolanea cetrata* (Fr.) Kummer var. *testacea* Bres.).

— *xylophilus* (J. Lange) Orton in *Trans. Brit. mycol. Soc.*, **43**, 179, 1960. (Syn. *Rhodophyllum xylophilus* J. Lange).

Octospora carbonigena (Berk.) Dennis, *British Cup Fungi and their Allies*, p. 33, 1960. (Syn. *Peziza carbonigena* Berk.).

— *carneola* (Sauter) Dennis, *British Cup Fungi and their Allies*, p. 34, 1960. (Syn. *Peziza carneola* Sauter).

— *humosa* (Fr.) Dennis, *British Cup Fungi and their Allies*, p. 33, 1960. (Syn. *Peziza humosa* Fr.).

OCTOSPOROMYCES Kudriavzev in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **13**, p. 150, 1960.—Schizosaccharomycetaceae.

— *japonicus* (Yukawa) Kudriavzev in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **13**, p. 150, 1960. (Syn. *Schizosaccharomyces japonicus* Yukawa).

— *octosporus* (Beijerinck) Kudriavzev in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **13**, p. 150, 1960. (Syn. *Schizosaccharomyces octosporus* Beijerinck).

Odontia pallida (Cooke & Ellis) Rick, 1959 (this *Index*, **3**, p. 13), is a later homonym of *O. pallida* Petch, 1924 (*Petrak's List*, **3**).

Olpidiopsis brasiliensis Sparrow nom. nov., *Aquatic Phycomycetes*, Ed. 2, p. 933, 1960. (Syn. *Pseudolpidiopsis achlyae* Viégas & Teixeira, non *Olpidiopsis achlyae* McLarty, 1941). On *Achlya*.

*— *feldmannii* Aleem [as ‘*Feldmanni*’] in *C.R. Acad. Sci. Paris*, **235**, p. 1250, 1952 on *Falkenbergia rufolanosa*.—France.

Omphalia microspora P. Sossin in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **13**, p. 215, 1960.—Ukraine.

Omphalina allenii (R. Maire) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 179, 1960. (Syn. *Omphalia allenii* R. Maire).

— *brownii* (Berk. & Br.) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 179, 1960. (Syn. *Cantharellus brownii* Berk. & Br.).

— *cupulata* (Fr.) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 179, 1960. (Syn. *Cantharellus cupulatus* Fr.).

— *fusconigra* Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 335, 1960 in *Sphagnum*.—Scotland.

— *hepatica* (Fr. ex Fr.) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 180, 1960. (Syn. *Agaricus pyxidiatus* **A. hepaticus* Fr. ex Fr.).

— *mutila* (Fr.) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 180, 1960. (Syn. *Agaricus mutilus* Fr.).

— *obatra* (Favre) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 180, 1960. (Syn. *Omphalia obatra* Favre).

— *retosta* (Fr.) Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 180, 1960. (Syn. *Agaricus retostus* Fr.).

— *rickenii* Hora in *Trans. Brit. mycol. Soc.*, **43**, p. 454, 1960.—England.

— *velutipes* Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 337, 1960.—Scotland.

— *wynniae* (Berk. & Br.) S. Ito, *Mycological Flora of Japan*, 5(2), p. 128, 1959. (Syn. *Hygrophorus wynniae* Berk. & Br.). Combination also made by Orton in *Trans. Brit. mycol. Soc.*, **43**, p. 180, 1960.

Onnia triquetra ([Alb. & Schw.] Fr.) Imazeki [as ‘*triqueter*’] in S. Ito, *Mycological Flora of Japan*, 2(4), p. 386, 1955. (Syn. *Polyporus triquetus* [Alb. & Schw.] Fr.).

Ophiobolus babajanii Negru in *Izv. Acad. Sci. Armyan. S.S.R.*, **13**, 2, p. 85, 1960 on branches of *Rosa canina*.—Romania.

— *helianthi* Tilak apud Viswanathan & Tilak in *Mycopathologia*, **13**, p. 240, 1960 on dry stems of *Helianthus annuus*.—Poona, India.

— *lithophilus* Gueevicz in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), **13**, p. 176, 1960 on dry stems of *Sidebitis taurica*.—Tauria, U.S.S.R.

Oxydonta chrysella (Berk. & Curt.) S. Ito, *Mycological Flora of Japan*, 2(4), p. 189, 1955. (Syn. *Hydnellum chrysellum* Berk. & Curt.).

— *copelandii* (Pat.) S. Ito, *Mycological Flora of Japan*, 2(4), p. 189, 1955. (Syn. *Hydnellum copelandii* Pat.).

***Paecilomyces aspergilloides** Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 227, 1953.

Palawania dovyalidis (Doidge) Nel ex Doidge in *Bothalia*, **4**, 4, p. 871, 1948. (Syn. *Palawaniella dovyalidis* Doidge). [Combination made by Nel in *Ann. Univ. Stellenbosch*, Sect. A, **20**, 2 (1941), p. 22, 1942, but without author citation.]

— *orbiculata* (Syd.) Doidge in *Bothalia*, **4**, 4, p. 870, 1948. (Syn. *Seynesia orbiculata* Syd.).

Palawaniella brasimi (Batista & Bezerra) Batista & Bezerra [as ‘*nom. nov.*’] apud Arx in *Publ. Inst. Mic. Univ. Recife*, 288, p. 20, 1960. (Syn. *Palawania brasimi* Batista & Bezerra).

— *nectandrae* Arx in *Publ. Inst. Mic. Univ. Recife*, 288, p. 18, 1960 on leaves of *Nectandra*.—Brazil.

Panaeolus rickenii Hora in *Trans. Brit. mycol. Soc.*, **43**, p. 454, 1960.—England. (See also **P. rickenii* Hora, 1957 [this *Index*, **2**, p. 394].)

†*Papularia sphaerosperma* (Pers.) Höhnel
var. *secalis* (Karst.) Pidoplichko, Грибная
флора грубых кормов (*Fungus flora of
coarse fodders*), p. 250, 1953. [Syn. not cited.]

PARASTERIDIALLA Maia in *Publ. Inst.
Mic. Univ. Recife*, 267, p. 25, 1960.—*Melio-
laceae*. Sp. typ.: *P. ximeniae*.

— *ximeniae* (Batista & Silva) Maia in *Publ.
Inst. Mic. Univ. Recife*, 267, p. 26, 1960.
(Syn. *Irenina ximeniae* Batista & Silva).

PARASTERINOPSIS Batista in *Atas Inst.
Mic. Univ. Recife*, 1, p. 327, 1960.—*Asteri-
naceae*. Sp. typ.: *P. sersalisiae*.

— *mersalisiae* (Hansf.) Batista in *Atas Inst.
Mic. Univ. Recife*, 1, p. 327, 1960. (Syn.
Patouillardina mersalisiae Hansford).

Parodiopsis orbignyae Batista & Nasci-
mento in *Atas Inst. Mic. Univ. Recife*, 1,
p. 294, 1960 on branch of *Orbignya speciosa*.
—Brazil.

Patouillardina cinerea Bres. var. *grandinia*
(Rick) Rick in *Iheringia*, Sér. bot., 2, p. 30,
1958. (Syn. *Platygloea grandinia* Rick).

Pellicularia sasakii (Shirai) S. Ito, *Mycological Flora of Japan*, 2(4), p. 107, 1955.
(Syn. *Hypochnus sasakii* Shirai).

PELTOSTROMELLINA Batista & Vital in
Rev. Soc. bras. Agron., 13, p. 79, 1959.—
Phomaceae. Sp. typ.: *P. atra*.

— *atra* Batista & Vital in *Rev. Soc. bras. Agron.*,
13, p. 79, 1959 on leaves of *Artocarpus inte-
grifolia*.—Ceylon.

PELTOSTROMOPSIS Batista & Vital in
Rev. Soc. bras. Agron., 13, p. 77, 1959.
— *Leptostromataceae*. Sp. typ.: *P. artocarpi*.

— *artocarpi* Batista & Vital in *Rev. Soc. bras.
Agron.*, 13, p. 78, 1959 on leaves of *Ar-
tocarpus integrifolia*.—Ceylon.

Penicillium aspergilliforme Kulik in Бот.
матер. (*Not. syst. Sect. crypt. Inst. bot. Acad.
Sci. U.S.S.R.*), 13, p. 135, 1960 from soil.—
Omsk, U.S.S.R.

— *australicum* Olsen-Sopp ex Van Beyma [as
(‘Olsen-Sopp) emend. Van Beyma’] in
Antonie van Leeuwenhoek, 10, p. 53, 1944
from plant material and soil (culture in
C.B.S., Baarn).

Peniophora ambiens Rick in *Iheringia*, Sér.
bot., 4, p. 107, 1959 on bark.—Brazil.

— *clavigera* (Bres.) Rick in *Iheringia*, Sér. bot.,
4, p. 101, 1959. (Syn. *Kneiffia clavigera* Bres.).

— var. *livida* (Rick) Rick in *Iheringia*, Sér.
Bot., 4, p. 101, 1959. (Syn. *Kneiffia clavigera*
Bres. var. *livida* Rick).

— *cystidodendroides* Rick in *Iheringia*, Sér.,
bot., 4, p. 105, 1959.—Brazil.

— *decolorans* Rick in *Iheringia*, Sér. bot., 4,
p. 105, 1959 on decorticated wood.—Brazil.

— *disparens* Rick in *Iheringia*, Sér. bot., 4,
p. 102, 1959 on bark.—Brazil.

— *farinosa* (Bres.) Rick in *Iheringia*, Sér. bot.,
4, p. 101, 1959. (Syn. *Kneiffia farinosa* Bres.).

†— *frangulae* (Bres.) Rick in *Iheringia*, Sér.
bot., 4, p. 100, 1959. (Syn. *Kneiffia frangulae*
Bres.).

— var. *chlorina* (Rick) Rick in *Iheringia*,
Sér. bot., 4, p. 100, 1959. (Syn. *Kneiffia
frangulae* Bres. var. *chlorina* Rick).

— *gelatinosula* Rick in *Iheringia*, Sér. bot.,
4, p. 107, 1959 on bark.—Brazil.

— *glebulosa* (Fr.) Sacc. var. *platyspora* Rick
in *Iheringia*, Sér. bot., 4, p. 106, 1959 on
wood.—Brazil.

— *grisea* (Rick) Rick in *Iheringia*, Sér. bot.,
4, p. 110, 1959. (Syn. *Kneiffia grisea* Rick).

— — var. *cylindrospora* Rick in *Iheringia*,
Sér. bot., 4, p. 110, 1959.—Brazil.

— — var. *hyalina* (Rick) Rick in *Iheringia*,
Sér. bot., 4, p. 110, 1959. (Syn. *Kneiffia
grisea* Rick var. *hyalina* Rick).

— *longispora* (Pat.) Bres. var. *macrospora*
Rick in *Iheringia*, Sér. bot., 4, p. 101, 1959.
—Brazil.

— *luride-olivacea* (Rick) Rick in *Iheringia*,
Sér. bot., 4, p. 109, 1959. (Syn. *Kneiffia
luride-olivacea* Rick).

— *lutea* Rick in *Iheringia*, Sér. bot., 4, p. 106,
1959 on bark.—Brazil.

— *multicolor* Rick in *Iheringia*, Sér. bot., 4,
p. 108, 1959 on bark.—Brazil.

— *oxydata* (Rick) Rick in *Iheringia*, Sér. bot.,
4, p. 111, 1959. (Syn. *Kneiffia oxydata* Rick).

— *puberula* Karst. var. *masseeana* Rick in
Iheringia, Sér. bot., 4, p. 107, 1959.—Brazil.

— *sordidissima* (Rick) Rick in *Iheringia*, Sér.
bot., 4, p. 102, 1959. (Syn. *Kneiffia sordi-
dissima* Rick).

— *stereoides* Rick in *Iheringia*, Sér. bot., 4,
p. 105, 1959 on bark.—Brazil.

— *subcarneola* Rick in *Iheringia*, Sér. bot.,
4, p. 102, 1959 on a branch.—Brazil.

— *subgigaspora* Rick in *Iheringia*, Sér. bot.,
4, p. 107, 1959 on bark.—Brazil.

— *subserialis* (Bourd. & Galz.) Slysh in *Tech.
Publ. N.Y. St. Coll. For.*, 83, p. 83, 1960.
(Syn. *Corticium subseriale* Bourd. & Galz.).

— *sulphurea* Rick in *Iheringia*, Sér. bot., 4,
p. 106, 1959 on wood.—Brazil.

PERESIA Maia in *Publ. Inst. Mic. Univ.
Recife*, 267, p. 28, 1960.—*Melanconiaceae*.
Sp. typ.: *P. anoneae*.

— *anoneae* Maia & Garnier in *Publ. Inst. Mic.
Univ. Recife*, 267, p. 29, 1960 on leaves of
An[en]ona squamosa.—Brazil.

Periconia laxa Batista & J. A. Lima in *Atti
Ist. bot. Univ. Pavia*, Ser. 5, 18, p. 162, 1960
on leaves of *Ximenia americana*.—Brazil.

— *sidae* Batista & Bezerra in *Atti Ist. bot.
Univ. Pavia*, Ser. 5, 18, p. 163, 1960 on
leaves of *Sida*.—Brazil.

***Peronospora anemones** Tramier in *C.R.
Acad. Agric. Fr.*, 46, p. 622, 1960 on *Anemone
coronaria*.—France.

— *cryptospora* Annaliev in Вестн. МОСКОВ.
УНИВ. (Vestn. Moskov. Univ.), Ser. бiol., 15,
4, p. 54, 1960 on leaves of *Cryptospora falcata*.
—Turkmen SSR.

— *dorycnii* Ulianishchev in *Rep. Acad. Sci.,
Azerbaijdhan S.S.R.*, 16, 4, p. 387, 1960 on
leaves of *Dorycnium intermedium*.—Azer-
baidjhan SSR.

— *galii-anglici* Ulianishchev in *Rep. Acad.
Sci. Azerbaidjhan S.S.R.*, 16, 4, p. 389, 1960
on *Galium anglicum*.—Azerbaidjhan SSR.

— *hymenolobi* Annaliev in Вестн. МОСКОВ.
УНИВ. (Vestn. Moskov. Univ.), Ser. бiol., 15,
4, p. 55, 1960 on leaves and stems of *Hymeno-
lobus procumbens*.—Turkmen SSR.

Pestalotia podocarpi M. Bondartzeva in Бот.
матер. (*Not. syst. Sect. crypt. Inst. bot. Acad.
Sci. U.S.S.R.*), 13, p. 202, 1960 on leaves of
Podocarpus macrophylla.—U.S.S.R.

Petersenia pollagaster (Petersen) Sparrow,
Aquatic Phycomycetes, p. 632, 1943. (Syn.
Pleotrichelus pollagaster Petersen).

Pezicula scoparia (Cooke) Dennis, *British
Cup Fungi and their Allies*, p. 109, 1960.
(Syn. *Helotium scoparium* Cooke).

Peziza anthracophila Dennis nom. nov.,
British Cup Fungi and their Allies, p. 13,

1960. (Syn. *Peziza umbrina* Boudier apud Cooke, 1879, non Persoon, 1822).

[**Peziza**] **badiofusca** (Boudier) Dennis, *British Cup Fungi and their Allies*, p. 16, 1960. (Syn. *Galactinia badiofusca* Boudier).

— **michelii** (Boudier) Dennis, *British Cup Fungi and their Allies*, p. 15, 1960. (Syn. *Galactinia michelii* Boudier).

Phaeochorella machaerii Batista & Peres in *Publ. Inst. Mic. Univ. Recife*, 277, p. 16, 1960 on leaves of *Machaerium scleroxylon*. —Brazil.

Phaeodimeriella fevilleae Batista, Nascimento & Farr in *Atas Inst. Mic. Univ. Recife*, 1, p. 334, 1960 on leaves of *Fevillea cordifolia*. —Dominican Republic.

Phaeomarasmius rimulincola (Rabenh.) Orton in *Trans. Brit. mycol. Soc.*, 43, p. 180, 1960. (Syn. *Agaricus rimulincola* Rabenh.). [See also *P. rimulincola* (Lasch) Scherffel apud Moesz in *Bot. Közl.*, 13, p. 20, 1914.]

Phaeosphaerella sarothamnicola Batista & Peres in *Publ. Inst. Mic. Univ. Recife*, 213, p. 19, 1960 on stem of *Sarothamnus*. —France.

Phaeoxyphium sorghi Batista & Bezerra in *Atti Ist. bot. Univ. Pavia*, Ser. 5, 18, p. 169, 1960 on inflorescence of *Sorghum halepense*. —Brazil.

Phellinus laevigatus (Fr.) Bourd. & Galz. forma *rhamni* M. Bondartzeva apud Sinadsky & M. Bondartzeva in Bot. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 230, 1960. —U.S.S.R.

— **setulosus** (Lloyd) Imazeki in *Bull. Tokyo Sci. Mus.*, 6, p. 104, 1943. (Syn. *Fomes setulosus* Lloyd).

— **torulosus** (Pers. ex Fr.) Bourd. & Galz. forma *oleae* M. Bondartzeva in Bot. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 201, 1960 on trunk of *Olea europaea*. —U.S.S.R.

PHIALETEA Batista & Nascimento in *Atas Inst. Mic. Univ. Recife*, 1, p. 264, 1960. —Moniliales. Sp. typ.: *P. aerospora*.

— **aerospora** Batista & Nascimento in *Atas Inst. Mic. Univ. Recife*, 1, p. 264, 1960 on leaves of *Amomis caryophyllata*. —Puerto Rico.

Phialina ulmariae (Lasch) Dennis, *British Cup Fungi and their Allies*, p. 102, 1960. (Syn. *Peziza ulmariae* Lasch).

Phialophora heteroderae (Jacz.) Van Beyma in *Antonie van Leeuwenhoek*, 9, p. 61, 1943. (Syn. *Torula heteroderae* Jacz.).

Phlegmacium heterosporum P. Sossin in Bot. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 217, 1960. —Ukraine.

— **subclavicolor** Moser, 1953 (this *Index*, 2, p. 248) was validly published by reference to Bresadola's description, in Latin, sub. nom. *Cortinarius claricola* (Fr.) Fr.

Phlyctidium anabaenae Rodhe & Skuja apud Skuja in *Symb. bot. upsalensi*, 9, 3, p. 379, 1948 on *Anabaena sphaerica*, *A. spirooides* and *A. macrospora*. —Sweden.

— **globosum** Skuja in *Nova Acta Soc. Sci. upsal.*, Ser. 4, 16, 3, p. 367, 1956 on *Aphanizomenon flos-aquae*. —Sweden. [Non *P. globosum* (Braun) Sorokin, 1883.]

— **mycetophagum** Karling in *Amer. J. Bot.*, 33, p. 756, 1946 on *Rhizophyllum keratinophilum*, *R. coronum*, *Karlingia rosea*, *Chytromyces hyalinus*, *C. aureus*, *C. appendiculatus*, *Siphonaria variabilis*, *Asterophlyctis sarcop-*

toides, *Septochytrium variabile*, *Polychytrium aggregatum*, *Rhizidomyces hirsutus*, *Thraustotheca clavata*, *Aphanomyces*, *Achlya flagellata*, *Zoopagrus insidians* and a species of *Fungi Imperfecti*. —N.Y., U.S.A.

— **piriforme** (Fott) Sparrow [as 'piriformis'], *Aquatic Phycomycetes*, Ed. 2, p. 222, 1960. (Syn. *Hapalopera piriformis* Fott).

Phlyctochytrium closterii (Karling) Sparrow, *Aquatic Phycomycetes*, Ed. 2, p. 331, 1960. (Syn. *Rhizophyllum closterii* Karling).

— **japonicum** (Kobayasi & Ookubo) Sparrow, *Aquatic Phycomycetes*, Ed. 2, p. 327, 1960. (Syn. *Rhizophyllum japonicum* Kobayasi & Ookubo).

Pholiota aromatica Orton in *Trans. Brit. mycol. Soc.*, 43, p. 338, 1960. —Scotland.

— **henningsii** (Bres.) Orton in *Trans. Brit. mycol. Soc.*, 43, p. 180, 1960. (Syn. *Flammula henningsii* Bres.).

— **muelleri** (Fr.) Orton in *Trans. Brit. mycol. Soc.*, 43, p. 180, 1960. (Syn. *Agaricus squarrosus* B. A. muelleri Fr.).

— **ochrochiora** (Fr.) Orton in *Trans. Brit. mycol. Soc.*, 43, p. 180, 1960. (Syn. *Agaricus ochrochlorus* Fr.).

— **oedipus** (Cooke) Orton in *Trans. Brit. mycol. Soc.*, 43, p. 180, 1960. (Syn. *Agaricus oedipus* Cooke).

Phoma ammodendri Kalymbetov in Bot. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 246, 1960 on stems of *Ammodendron conolyti*. —U.S.S.R.

— **andrachnes** Kalymbetov in Bot. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 246, 1960 on dry branches of *Andrachne rotundifolia*. —U.S.S.R.

— **atraphaxis** Kalymbetov [as 'atraphaxis'] in Bot. матер. (*Not. syst. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 247, 1960 on stems of *Atraphaxis spinosa*. —U.S.S.R.

— **elegans** Gucevitz in Bot. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 251, 1960 on dry stems of *Halimodendron halodendron*. —Tauria, U.S.S.R.

— **galini** Gucevitz in Bot. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 251, 1960 on dry stems of *Halimodendron halodendron*. —Tauria, U.S.S.R.

— **halimodendri** Gucevitz in Bot. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 252, 1960 on dry stems of *Halimodendron halodendron*. —Tauria, U.S.S.R. [Non *P. halimodendri* Murashk., 1924 (*Petrak's List*, 3).]

— **harmalae** Kalymbetov in Bot. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 247, 1960 on dry stems of *Peganum harmala*. —U.S.S.R.

— **hypericicola** Gucevitz [as 'hypericola'] in Bot. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 187, 1960 on dry wood of *Hypericum alpestre*. —Tauria, U.S.S.R.

— **psidii** Ahmad, 1948 (this *Index*, 2, p. 78) is a later homonym of *P. psidii* P. Henn., 1908, and *P. psidii* Camara, 1931 (*Petrak's List*, 6).

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—**genistae** Batista & Bezerra in An. Soc. Biol. Pernambuco, 16, p. 6, 1959 on leaves of *Genista tinctoria*.—Germany.

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—**phelodendri** Negru in Stud. Univ. Victor Babeș et Bolyai, Romania, 3, no. 7, Sér. 2, fasc. 2, p. 14, 1958 on leaves of *Phelodendron lavallei*.—Romania.

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—**quercicola** (Imai) Š. Ito, Mycological Flora of Japan, 2(4), p. 80, 1955. (Syn. *Clavaria quercicola* Imai).

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—**galerooides** Orton in Trans. Brit. mycol. Soc., 43, p. 354, 1960 on log of *Fagus*.—England.

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—**olivaceus** Orton in Trans. Brit. mycol. Soc., 43, p. 359, 1960 on twigs of *Fraxinus excelsior*.—England.

—**pallescens** Orton in Trans. Brit. mycol. Soc., 43, p. 360, 1960.—England.

—**pearsonii** Orton in Trans. Brit. mycol. Soc., 43, p. 361, 1960.—England.

—**punctipes** Orton in Trans. Brit. mycol. Soc., 43, p. 363, 1960 on twigs and logs, especially of beech.—England.

—**xanthophaeus** Orton in Trans. Brit. mycol. Soc., 43, p. 366, 1960 on twigs, logs and sawdust.—England.

Pocosphaeria saviczii Guevievic in Бот. матер. (Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.), 13, p. 188, 1960 on dry stems of *Heracleum pubescens*.—Tauria, U.S.S.R.

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—**bolleana** (Mont.) Boidin in Bull. Jard. bot. Brux., 30, p. 323, 1960. (Syn. *Stereum bolleanum* Mont.).

—**burtiana** (Peck) S. Ito, Mycological Flora of Japan, 2(4), p. 151, 1955. (Syn. *Stereum burtianum* Peck).

—**diaphana** (Schw.) S. Ito, Mycological Flora of Japan, 2(4), p. 151, 1955. (Syn. *Thelephora diaphana* Schw.).

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— **ursina** Boidin & Berthet in *Bull. Jard. bot. Brux.*, 30, p. 320, 1960.—Congo.

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— **avellanea** Rick in *Iheringia*, Sér. bot., 4, p. 121, 1959 on bark.—Brazil.

— **flavidula** Rick in *Iheringia*, Sér. bot., 4, p. 121, 1959 on a branch.—Brazil.

— **flavonubra** Rick [as 'flavo-rubra'] in *Iheringia*, Sér. bot., 4, p. 121, 1959 on bark.—Brazil.

— **grisea** Rick in *Iheringia*, Sér. bot., 4, p. 121, 1959.—Brazil.

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— **clivensis** (Berk. & Br.) Orton in *Trans. Brit. mycol. Soc.*, 43, p. 180, 1960. (Syn. *Agaricus clivensis* Berk. & Br.).

— **corticarioides** Orton in *Trans. Brit. mycol. Soc.*, 43, p. 369, 1960.—England.

— **flexispora** Orton in *Trans. Brit. mycol. Soc.*, 43, p. 371, 1960 in sand dunes.—England.

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— **microlepidota** Orton in *Trans. Brit. mycol. Soc.*, 43, p. 375, 1960.—England.

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— **xanthocystis** Orton in *Trans. Brit. mycol. Soc.*, 43, p. 379, 1960 on rotten log of *Betula*.—Scotland.

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— var. **levis** J. W. Baxter in *Lloydia*, 22 (1959), p. 246, 1960 on *Satureja odora*.—Argentina.

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*— **schemahensis** Ulianishchev, *Mycoflora of Azerbaijan*, 3, *Rust fungi*, pt 1, p. 157, 1960 on *Blysmus*.—U.S.S.R.

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— **musashiense** (P. Henn.) Imazeki in S. Ito, *Mycological Flora of Japan*, 2(4), p. 389, 1955. (Syn. *Fomes musashiensis* P. Henn.).

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— **imperfectum** Höhnk in *Veröff. Inst. Meeresforsch. Bremerhaven*, 2, p. 74, 1953.—Weser estuary, Germany.

— **salinum** Höhnk in *Veröff. Inst. Meeresforsch. Bremerhaven*, 2, p. 89, 1953 from soil in lakes and the Weser estuary.—Germany.

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— **schmidiana** Batista & Maia in *Publ. Inst. Mic. Univ. Recife*, 208, p. 7, 1960 on indet. leaves.—Switzerland.

— var. **major** Batista & Maia in *Publ. Inst. Mic. Univ. Recife*, 208, p. 10, 1960 on leaves of *Lauraceae*.—Switzerland.

— **uleana** Batista & Maia in *Publ. Inst. Mic. Univ. Recife*, 280, p. 12, 1960 on leaves of *Lauraceae*.—Brazil.

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— **oryzae** Deighton & D. Shaw in *Trans. Brit. mycol. Soc.*, 43, p. 516, 1960 on leaves of *Oryza sativa*.—New Guinea.

— **serratula** (Sacc.) Maia in *Publ. Inst. Mic. Univ. Recife*, 267, p. 23, 1960. (Syn. *Ovularia serratula* Sacc.).

— **solani** (Sacc.) Batista & Bezerra in *Publ. Inst. Mic. Univ. Recife*, 264, p. 12, 1960. (Syn. *Acrothecium solani* Sacc.).

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— **polygoni** Golovin, 1950 (this *Index*, 2, p. 560), is a later homonym of *R. polygoni* Dearness & House in *Bull. N.Y. St. Mus.*, 266, p. 89, 1925.

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— **middelhoeckii** Bánhegyi in *Ann. Univ. Sci. Budapest, Sect. biol.*, 3, p. 57, 1960 on *Phegomyces bureschi*.—Bulgaria.

RHINOCLADIELLA Kamyschko in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 165, 1960.—Moniliales. Sp. typ.: *R. vesiculosa*. [Non *Rhinocladiella Nannf.*, 1934 (*Petrak's List*, 7).]

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Rhinocladium nigrosporoides Kamyschko in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 164, 1960 from soil.—U.S.S.R.

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— **endophytica** Saksena & Vaartaja in *Canad. J. Bot.*, 38, p. 936, 1960 from *Pinus banksiana* seedlings.—Saskatchewan, Canada.

— var. **filicata** Saksena & Vaartaja in *Canad. J. Bot.*, 38, p. 938, 1960 from *Pinus banksiana* seedlings.—Saskatchewan, Canada.

— **globularis** Saksena & Vaartaja in *Canad. J. Bot.*, 38, p. 939, 1960 from mycorrhizal rootlets of *Pinus banksiana* seedlings.—Manitoba, Canada.

— **hiemalis** Saksena & Vaartaja in *Canad. J. Bot.*, 38, p. 940, 1960 from *Pinus sylvestris* litter.—Saskatchewan, Canada.

— **versicolor** E. Müller & Nüesch in *Phytopath. Z.*, 38, p. 286, 1960 on roots of *Loroglossum hircinum*.—Southern France.

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— **hyalina** (Karling) Sparrow, *Aquatic Phycomycetes*, Ed. 2, p. 445, 1960. (Syn. *Karlingia hyalina* Karling).

— **spinosa** (Karling) Sparrow, *Aquatic Phycomycetes*, Ed. 2, p. 443, 1960. (Syn. *Karlingia spinosa* Karling).

Rhizophyllum canterae Sparrow, *Aquatic Phycomycetes*, Ed. 2, p. 242, 1960 on *Oedogonium*.—Hungary and Great Britain.

— **cladophorae** (Kabayasi & Ookubo) Sparrow, *Aquatic Phycomycetes*, Ed. 2, p. 266,

1960. (Syn. *Phlyctidium cladophorae* Kobayasi & Ookubo).

*[*Rhizophyllum*] *fulgens* Canter in *Ann. Bot.*, N.S., 15, p. 144, 1951 on *Gemellicystis neglecta*.—England.

*—*hyalobryi* Canter [as 'hyalobryonis'] in *Ann. Bot.*, N.S., 15, p. 148, 1951 on *Hyalobryon mucicola*.—England.

—*karlingii* Sparrow, *Aquatic Phycomyces*, Ed. 2, p. 243, 1960 on *Ulothrix zonata*.—U.S.A.

—*keratinophilum* Karling in *Amer. J. Bot.*, 33, p. 753, 1946 in soil, on keratinized tissues. —U.S.A., Ireland, Netherlands and Brazil.

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Rhodocybe griseospora (Pearson) Orton in *Trans. Brit. mycol. Soc.*, 43, p. 181, 1960. (Syn. *Collybia griseospora* Pearson).

—*hirneola* (Fr. ex Fr.) Orton in *Trans. Brit. mycol. Soc.*, 43, p. 181, 1960. (Syn. *Agaricus hirneolus* Fr. ex Fr.).

—*melleopallens* Orton in *Trans. Brit. mycol. Soc.*, 43, p. 380, 1960 under *Taxus* and *Fagus*. —England.

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— *rosea* (Rick) Rick in *Iheringia*, Sér. bot., 2, p. 36, 1958. (Syn. *Ductifera rosea* Rick).

— *sordide-alba* (Rick) Rick in *Iheringia*, Sér. bot., 2, p. 37, 1958. (Syn. *Aleurodiscus sordide-albus* Rick).

— *tenuissima* Rick in *Iheringia*, Sér. bot., 2, p. 36, 1960 on wood.—Brazil.

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Sporonema asteris N. Golovina in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 240, 1960 on leaves of *Aster*.—Uzbek SSR.

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*— var. **jateli** Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 258, 1953.

*— var. **lobulata** Berk. var. **macra** Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 259, 1953.

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†— **diaphanum** (Schw.) Cooke var. **sowerbyi** (Berk. & Br.) Rick [as '(B. et C.)'] in *Iheringia*, Sér. bot., 4, p. 69, 1959. (Syn. *Thelephora sowerbyi* Berk. & Br.).

— **humillimum** Rick in *Iheringia*, Sér. bot., 4, p. 68, 1959 on *Bambusa*.—Brazil.

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— **papillata** A. Möll. var. **major** Rick in *Iheringia*, Sér. bot., 2, p. 31, 1958.—Brazil.

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— **macrospora** (Velen.) Kubička in *Čes. Mykol.*, 14, 4, p. 216, 1960. (Syn. *Barlaea macrospora* Velen.).

Sydowia agharkarii Viswanathan [as 'agharkari'] in *Mycopathologia*, 13, p. 237, 1960 on stems of *Jasminum primulinum*.—Poona, India.

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— **dombeyi** Singer in *Personia*, 1, 3, p. 385, 1960 under *Nothofagus dombeyi*.—Patagonia, Argentina.

Thelephora brasiliensis (Rick) Rick in *Iheringia*, Sér. bot., 4, p. 63, 1959. (Syn. *Tomentella brasiliensis* Rick).

— **caesia** Pat. var. **laevispora** Rick in *Iheringia*, Sér. bot., 4, p. 63, 1959.—Brazil.

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— **kusanoana** Imazeki nom. nov. in *Bull. Tokyo Sci. Mus.*, 6, p. 73, 1943. (Syn. *Daedalea kusanoi* Murr., non *Trametes kusanoi* (Murr.) Sacc. & Trott.).

— **palisotii** (Fr.) Imazeki in *Bull. Govt. For. Exp. Sta., Tokyo*, 57, p. 120, 1952. (Syn. *Daedalea palisoti* [sic] Fr.).

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— **vinosotincta** Rick [as 'vinoso-tincta'] in *Iheringia*, Sér. bot., 2, p. 45, 1958 on wood. —Brazil.

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† **Trichoderma lignorum** (Tode) Harz var. **narcissi** (Toch. & Shim.) Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 182, 1953. (Syn. *Sporotrichum narcissi* Toch. & Shim.).

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— **fulvocastaneum** Hongo in *J. Jap. Bot.*, 35, p. 86, 1960.—Japan.

— **nigrescens** (Kawam.) S. Ito, *Mycological Flora of Japan*, 2 (5), p. 137, 1959. (Syn. ** Armillaria nigrescens* Kawam.).

— **obscurissimum** (Pearson) Hora in *Trans. Brit. mycol. Soc.*, 43, p. 459, 1960. (Syn. *Tricholoma ionides* (Bull. ex Fr.) Kummer var. *obscurissimum* Pearson).

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— **crescentiae** Batista & Nascimento in *Atas Inst. Mic. Univ. Recife*, 1, p. 299, 1960 on leaves of *Crescentia*.—Brazil.

TRICHOSPORIELLA Kamyschko in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 166, 1960.—Mucedo- naceae. Sp. typ.: *T. hyalina*.

— **hyalina** Kamyschko in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 167, 1960 from soil.—U.S.S.R.

Trichosporium fulvum Kamyschko in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 165, 1960 from soil.—U.S.S.R.

— **macrosporum** Kamyschko in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 166, 1960 from soil.—U.S.S.R.

Trichosporon appendiculare Batista, J. Silveira & G. Silveira in *Rev. Assoc. med. brasil.*, 5, 5, p. 351, 1959 from human appendix.—Brazil.

Trichothyrium asterolibertiae Deighton in *Mycol. Pap.*, C.M.I., 78, p. 28, 1960 on *Asterolibertia* on *Acacia whytei*.—Sierra Leone.

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TYLOSPORA Donk nom. nov. in *Taxon*, 9, p. 220, 1960.—Hymenomycetes, Corticiaceae. (Syn. *Tylosporina* Donk, 1957 [this Index, 2, p. 450], non *Tylosporina* Botsch., 1952 (Rosaceae)).

— **asterophora** (Bonord.) Donk in *Taxon*, 9, p. 220, 1960. (Syn. *Hypochnus asterophora* Bonord.).

— **fibrillosa** (Burt) Donk in *Taxon*, 9, p. 220, 1960. (Syn. *Hypochnus fibrillosus* Burt).

† **Tyromyces semisipinus** (Berk. & Curt.) Bondarzew & M. A. Bondartzeva in *J. Bot. U.S.S.R. (Bot. Zh. S.S.S.R.)*, 45, p. 1695, 1960. [Syn. *Polyporus semisipinus* Berk. & Curt.].

† **vulgaris** (Fr.) Bondarzew & M. A. Bondartzeva in *J. Bot. U.S.S.R. (Bot. Zh. S.S.S.R.)*, 45, p. 1695, 1960. [Syn. *Polyporus vulgaris* Fr.].

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Uredo erigerontis (Syd.) Hiratsuka f., 1959 (this Index, 3, p. 21), is a later homonym of *U. erigerontis* Arth. & Cumm., 1937 (*Petrak's List*, 8).

— **harunganae** (Cummins) Cummins, 1960 (this Index, 3, p. 21), is a later homonym of *U. harunganae* Viennot-Bourgin, 1959 (this Index, 2, p. 522).

— **sumirecola** Y. Morimoto [as 'sumirecola'] in *J. Jap. Bot.*, 35, p. 247, 1960 on *Viola okuboi* and *V. grypoceras*.—Japan. [Etym.: sumire, vern. name for *Viola*.]

† **Urocystis arrhenatheri** (Kuprewicz) Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 127, 1953. (Syn. *Tuburcinia arrhenatheri* Kuprewicz).

Vararia epigaea (Lloyd) S. Ito, *Mycological Flora of Japan*, 2 (4), p. 125, 1955. (Syn. *Astrostroma epigaeum* Lloyd).

Venturia helvetica Nüesch in *Phytopath. Z.*, 39, p. 346, 1960 on dead leaves of *Salix helvetica*.—Switzerland.

— **microspora** Nüesch in *Phytopath. Z.*, 39, p. 347, 1960 on dead leaves of *Salix nigricans*.—Switzerland.

— **minutissima** Batista & Peres in *Publ. Inst. Mic. Univ. Recife*, 277, p. 21, 1960 on leaves of *Didymopanax morototoni*.—Brazil.

— **saliciperda** Nüesch in *Phytopath. Z.*, 39, p. 349, 1960 on *Salix cordata*.—Switzerland.

† **Verticillium album** (Preuss) Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 190, 1953. (Syn.

Acrostalagmus albus Preuss). [Non *Verticillium album* Liceoli, 1871.]

†[*Verticillium*] *lateritium* Berk. var. *beticola* (Pidoplichko) Pidoplichko, Грибная флора грубых кормов (*Fungus flora of coarse fodders*), p. 192, 1953. (Syn. *Verticillium beticola* Pidoplichko).

Viegasia costaricensis (Syd.) Batista & Vital in *Atas Inst. Mic. Univ. Recife*, 1, p. 310, 1960. (Syn. *Hysterostomina costaricensis* Syd.).

— *faureae* (Doidge) Batista & Vital in *Atas Inst. Mic. Univ. Recife*, 1, p. 314, 1960. (Syn. *Hysterostoma faureae* Doidge).

— *radiata* (Doidge) Batista & Vital in *Atas Inst. Mic. Univ. Recife*, 1, p. 318, 1960. (Syn. *Lembosia radiata* Doidge).

Volvariella microspila (Berk. & Curt.) S. Ito [as 'microspira'], *Mycological Flora of Japan*, 2 (5), p. 256, 1959. (Syn. *Agaricus microspilus* Berk. & Curt.).

— *parvula* (Weim.) Orton in *Trans. Brit. mycol. Soc.*, 43, p. 181, 1960. (Syn. *Agaricus parvulus* Weim.).

— *subtaylori* Hongo in *J. Jap. Bot.*, 35, p. 24, 1960.—Japan.

VONARXIÀ Batista in *Publ. Inst. Mic. Univ. Recife*, 283, p. 5, 1960.—Sphaeropsidales. Sp. typ.: *V. anacardii*.

— *anacardii* Batista & Bezerra in *Publ. Inst. Mic. Univ. Recife*, 283, p. 7, 1960 on leaves of *Anacardium occidentale*.—Brazil.

WALDEMARIA Batista, Maia & Cavalcanti in *Atas Inst. Mic. Univ. Recife*, 1, p. 6, 1960.

— *Eurotiales*. Sp. typ.: *W. pernambucensis*.

— *pernambucensis* Batista, Maia & Cavalcanti in *Atas Inst. Mic. Univ. Recife*, 1, p. 8, 1960 from man.—Brazil.

WARDINELLA Batista & Peres in *Publ. Inst. Mic. Univ. Recife*, 221, p. 8, 1960.—Asterinothyriaceae. Sp. typ.: *W. jaboatensis*.

— *jaboatonensis* Batista & Peres in *Publ. Inst. Mic. Univ. Recife*, 221, p. 9, 1960 on indet. leaves.—Brazil.

Weraroa spadicea Singer in *Persoonia*, 1, 3, p. 389, 1960 under *Nothofagus dombeyi*.—Patagonia, Argentina.

XYLOHYPHA (Fr.) Mason apud Deighton in *Mycol. Pap.*, C.M.I., 78, p. 43, 1960. (Syn. *Hypelia* Fr. b. *Xylohypa* Fr.). [First proposed 1953 (this *Index*, 2, p. 200), but not validly published.]

— *curta* (Corda) Hughes apud Deighton in *Mycol. Pap.*, C.M.I., 78, p. 43, 1960. (Syn. *Torula curta* Corda). [First proposed 1958 (this *Index*, 2, p. 523), but generic name not then validly published.]

— *ferruginosa* (Corda) Hughes apud Deighton in *Mycol. Pap.*, C.M.I., 78, p. 43, 1960. (Syn. *Torula ferruginosa* Corda). [First proposed 1958 (this *Index*, 2, p. 523), but generic name not then validly published.]

— *nigrescens* (Pers. ex Fr.) Mason apud Deighton in *Mycol. Pap.*, C.M.I., 78, p. 43, 1960. (Syn. *Hypelia nigrescens* Pers. ex Fr.). [First proposed 1953 (this *Index*, 2, p. 200), but generic name not then validly published.]

ZANCHIA Rick in *Iheringia*, Sér. bot., 2, p. 47, 1958.—Tremellaceae.

— *marmorata* (Berk. & Curt.) Rick in *Iheringia*, Sér. bot., 2, p. 48, 1958. (Syn. *Tremella marmorata* Berk. & Curt.).

— *sanctae-mariae* Rick in *Iheringia*, Sér. bot., 2, p. 46, 1958 on wood.—Brazil.

ZYGOFABOSPORA Kudriavzev in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 144, 1960.—Saccharomycetaceae.

— *krassilnikovii* Kudriavzev in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 144, 1960 in mucilaginous secretion from *Quercus*.

— *marxiana* (Hansen) Kudriavzev in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 144, 1960. (Syn. *Saccharomyces marxianus* Hansen).

ZYGOPICHIA (Klöcker) Kudriavzev, Систематика дрожжей, p. 271, 1954. [Latin diagnosis in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 144, 1960.] (Syn. *Pichia* subgenus *Zygapichia* Klöcker, 1924 [cited in Petrak's *List*, 6, as a new generic name]).

— *chevalieri* (Guilliermond) Kudriavzev [as 'Klöcker, 1924'], Систематика дрожжей, p. 272, 1954. (Syn. *Zygosaccharomyces chevalieri* Guilliermond).

— *farinosa* (Lindner) Kudriavzev [as 'Klöcker, 1924'], Систематика дрожжей, p. 274, 1954. (Syn. *Saccharomyces farinosus* Lindner).

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— var. *galactosus* Kudriavzev in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 142, 1960.—U.S.S.R.

— *rautensteinii* Kudriavzev in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 143, 1960.—U.S.S.R.

ZYGOWILLIA (Klöcker) Kudriavzev, Систематика дрожжей, p. 287, 1954. [Latin diagnosis in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 145, 1960.] (Syn. *Willia* subgenus *Zygowillia* Klöcker, 1924).

— *chodatii* Kudriavzev nom. nov. [as 'chodatii' Mrak et al.]) in Систематика дрожжей, p. 291, 1954. (Syn. *Pichia chodatii* var. *fermentans* Mrak et al.).

— *pastori* (Guilliermond) Kudriavzev, Систематика дрожжей, p. 290, 1954. (Syn. *Zygosaccharomyces pastori* Guilliermond).

— *pini* (Holst) Kudriavzev, Систематика дрожжей, p. 293, 1954. (Syn. *Zygosaccharomyces pini* Holst).

ZYGOWILLIOPSIS Kudriavzev in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 146, 1960.—Saccharomycetaceae. (Syn. *Hansenula* subgenus *Zygo Hansenula* Lodder, 1932).

— *californica* (Lodder) Kudriavzev [as 'californicus'] in Бот. матер. (*Not. syst. Sect. crypt. Inst. bot. Acad. Sci. U.S.S.R.*), 13, p. 146, 1960. (Syn. *Hansenula* (*Zygo Hansenula*) *californica* Lodder).

HOST INDEX

For Phanerogams *see under* families; for Bacteria, Fungi, Lichenes and Pteridophyta *see under those names*; for animal hosts *see under* Insecta, Invertebrata, and Vertebrata.

ACTINIDIACEAE

- Actinidia

 - Macrophoma actinidiae*
 - Actinidia arguta

 - Phyllosticta actinidiae*
 - Sphaeropsis actinidiae*

 - Actinidia kolomikta

 - Phyllosticta actinidiae*
 - Sphaeropsis actinidiae*

 - Actinidia polygama

 - Ramularia actinidiae*

ALGAE

- Anabaena macrospora

 - Phlyctidium anabaenae*

- Anabaena sphaerica

 - Phlyctidium anabaenae*

- Anabaena spirooides

 - Phlyctidium anabaenae*

- Aphanizomenon flos-aquae

 - Phlyctidium globosum*

- Chlorobotrys polychloris

 - Chytridium chlorobotryis*

Draparnaldia

- Sporophlyctis chinensis*

Falkenbergia rufolanosa

- Olpidiopsis feldmannii*

Gemellicystis neglecta

- Rhizophyidium fulgens*

Hyalobryon mucicola

- Rhizophyidium hyalobryi*

Melosira ambigua

- Chytridium melosirae*

Microcystis

- Chytridium microcystidis*

Oedogonium

- Rhizophyidium canterae*

Oocystis lacustris

- Chytridium oocystidis*

Staurodesmus curvatus

- Chytridium isthmiophilum*

Ulothrix zonata

- Rhizophyidium karlingii*

Vaucheria sessilis

- Chytridium cejpui*

AMARANTHACEAE

- Gomphrena decumbens

 - Colletotrichum gomphrenae*

AMARYLLIDACEAE

- Ungernia severzovii

 - Septoria ungerniae*

ANACARDIACEAE

- Anacardium occidentale

 - Vonarzia anacardii*

Pistacia mutica

- Strickeria pistaciae*

ANNONACEAE

- Annona

 - Echidnоделла guatemalensis*

Annona squamosa

- Peresia anonaе*

APOCYNACEAE

- Chonemorpha fragrans

 - Chaetothyridia mundkurii*

Kickxia

- Leptoxypodium indicum*

Plumeria obovata

- Cercospora plumeriifolii*

ARACEAE

- Anthurium

 - Aulographella anthurii*
 - Gloeoctrochila anthuriiicola*

ARALIACEAE

- Didymopanax morototoni

 - Lembosiellina pernambucensis*
 - Venturia minutissima*

Hedera helix

- Crepidotus subtilis*

Panax ginseng

- Mycosphaerella panacis*

PLASMOPARA PANACIS

- Calotropis gigantea

 - Colletotrichum calotropidis*

Cryptolepis buchanani

- Cercospora kamatensis*

Leptadenia reticulata

- Cercospora leptadeniae*

BERBERIDACEAE

- Berberis vulgaris

 - Chaetophoma berberidina*
 - Kabatiella babajanii*

Leontice albertii

- Entylomella leontices*

BETULACEAE

- Betula

 - Psathyrella xanthocystis*

BIGNONIACEAE

- Crescentia

 - Trichosphaeropsis crescentiae*

Tabebuia

- Carnia tabebuiae*

BOMBACACEAE

- Bombax insigne

 - Polythrincella bombacifolia*

BORAGINACEAE

- Cordia goeldiana

 - Microthyriolum cordiae*

Cordia trichostoma

- Brachysporiella cordiae*

BROMELIACEAE

Bromelia

- Hysterostomina bromeliae*

BRYOPHYTA

- Dicranum scoparium

 - Coniothyrium dicerani*

BURSERACEAE

Dacryodes

- Kneimiothyrium weldenii*

BUXACEAE

- Buxus sempervirens

- Phragmothyrium buxifolii*

CAMPANULACEAE

Adenophora taurica

- Diplodina adenophorae*

- Rhabdospora adenophorae*

CAPRIFOLIACEAE

Lonicera

- Diplodia lonicerae*

Sambucus nigra

- Crepidotus subtilis*

- Cystoderma simulatum*

CARYOPHYLLACEAE

Acanthophyllum

Camarosporium acanthophylli

Cerastium bibersteinii

Pyrenopezeta cerastii

Minuartia adenotricha

*Phoma schischkiniana**Septoria schischkiniana*

Tunica stricta

Septoria tunicarum

CHENOPodiACEAE

Eurotia

Coniothyrium eurotiae

Eurotia ceratooides

Camarosporium eurotiae

Noaea spinosissima

Camarosporium noaeae

Salsola richteri

Steganosporium salsolae

CLETHRACEAE

Clethra brasiliensis

Thyriostroma clethrae

COCHLOSPERMACEAE

Cochlospermum insigne

Meliola cochlospermifolia

COMPOSITAE

Artemisia vulgaris

Selenophoma artemisiae

Aster

Sporonema asteris

Centaurea squarrosa

Didymaria centaureae

Gaillardia pulchella

Cercospora gaillardiae

Helianthus

Heterochaete mucidinea

Helianthus annuus

*Leptosphaeria helianthi**Ophiobolus helianthi*

Hieracium

Phyllosticta hieraci

CONIFERAE

Abies grandis

Conoplea juniperi var. robusta

Abies sachliensis var. schmidtii

Hydnnum fimbriatum

Chamaecyparis

Marasmius chamaecyparidis

Picea pungens

Rhizoctonia dichotoma

Picea yezoensis

Poria sparassoides

Pinus

Pseudohiatula stephanocystis

Pinus banksiana

*Rhizoctonia endophytica**Rhizoctonia endophytica* var. *filicata**Rhizoctonia globularis*

Pinus monticola

Dimerosporiopsis macrospora

Pinus nigra corsicana

Scopularia corsicana

Pinus sylvestris

Rhizoctonia hiemalis

Podocarpus macrophylla

Pestalotia podocarpi

CONNARACEAE

Rourea glabra

*Actinotexis mirabilis**Stomopeltis batistae*

CONVOLVULACEAE

Calystegia silvatica

Leptothyrium calystegiae

CONVOLVULACEAE (continued)

Ipomoea illustris

Cercospora ipomoeae-illustris

CORNACEAE

Cornus alba

Cryptosporium corni

CRUCIFERAE

Cryptospora falcata

Peronospora cryptosporae

Hymenolobus procumbens

Peronospora hymenolobi

CUCURBITACEAE

Fevillea cordifolia

*Cladochaete fevilleae**Phaeodimeriella fevilleae*

CYPERACEAE

Blysmus

Puccinia schemahensis

Carex dimorpholepis

Puccinia caricis-dimorpholepis

Remirea maritima

Meliola remireae

DILLENIACEAE

Davilla rugosa

Hysterostomella tetraceriae var. *microspora*

Tetracerata

Sphaerodothis tetraceriae

ELAEAGNACEAE

Elaeagnus angustifolia

Coniothyrium elaeagni

Elaeagnus argentea

*Camarosporium tauriae**Hendersonia elaeagni*

Hippophae rhamnoides

Camarosporium hippophaes

ERICACEAE

Arbutus andrachne

*Camarosporium arbuti**Cucurbitaria arbuti**Septoria arbutina*

Erica

Galerina cinctula

ERYTHROXYLACEAE

Erythroxylum pelleterianum

Hansfordiopeltis erythroxyl

EUPHORBIACEAE

Acalypha ciliata

Colletotrichum acalyphae

Andracme rotundifolia

Phoma andracmes

Baccaurea

Queenslandia papuensis

Jatropha pohliana

Siropeltis jatropheae

Phyllanthus discoideus

Sclerographium phyllanthicola

FAGACEAE

Fagus americana

Leptoxypodium spongiosum

Fagus sylvatica

*Naucoria sumptuosa**Pluteus galerooides**Psathyrella spintrigeroides*

Quercus

*Ankistrocladium fuscum**Dacrymyces quercicola**Fomitopsis kiyosumiensis*

Quercus chryssolepis

Arnaudia quercina

Quercus crispula

Grifola albicans

Quercus ilex

Stigmopeltis ilicis

FUMARIACEAE
Fumaria parviflora
Erysiphe cichoracearum forma *fumariae*

FUNGI
Absidia ramosa
Piptocephalis macrospora
Achlya
Olpidiopsis brasiliensis
Achlya flagellata
Phlyctidium mycetophagum
Aphanomyces
Phlyctidium mycetophagum
Asterina
Helminthosporium xylopiifolii
Asterolibertia
Trichothyrium asterolibertiae
Asterophlyctis sarcotooides
Phlyctidium mycetophagum
Chytridium oedogonii
Rozella canterae
Chytriomyces
Phlyctidium mycetophagum
Diatrype
Tremella episphaerica
Diedickia piptadeniae
Hansfordiella diedickiae
Dimerosporiopsis macrospora
Mycopara shawii
Karlingia rosea
Chytriomyces verrucosus
Phlyctidium mycetophagum
Meliola melanochyla
Didymobotryum hymenaeарum
Mucor racemosus
Piptocephalis macrospora
Polychytrium aggregatum
Phlyctidium mycetophagum
Rhizidiomyces hirsutus
Phlyctidium mycetophagum
Rhizophyllum
Phlyctidium mycetophagum
Septochytrium variabile
Phlyctidium mycetophagum
Siphonaria variabilis
Phlyctidium mycetophagum
Thraustotheca clavata
Phlyctidium mycetophagum
Trochodium ajrekarii
Cercospora riveae
Trochodium sampathens
Cercospora aecidiicola
Zoopaghus insidians
Phlyctidium mycetophagum

GINKGOACEAE
Ginkgo biloba
Gloeosporium ginkgonis

GRAMINEAE
Balansia heringeri
Aristida pennata
Selenophoma aristidae
Arundo donax
Mycosphaerella donacis
Avena sativa
Cochliobolus victoriae
Bambusa
Anthoseptobasidium taquarae
Epithele bambusina
Stereum humillimum
Cynodon dactylon
Sphaerodothis gramineae
Spilomyces gramineae
Lolium multiflorum
Helminthosporium dictyoides forma *perenne*

GRAMINEAE (continued)
Lolium perenne
Helminthosporium dictyoides forma *perenne*
Lolium perenne \times *Festuca elatior*
Helminthosporium dictyoides forma *perenne*
Oryza sativa
Hansenula subpelliculosa var. *japonica*
Nigrospora padwickii
Ramularia oryzae
Sorghum halepense
Phaeoxyphium sorghi
Vulpia geniculata
Entyloma vulpiae

GUTTIFERAE
Platonia insignis
Arachnopeziza platoniae

HIPPOCRATEACEAE
Salacia pyriformis
Linotexis tympani-malleus

HYPERICACEAE
Hypericum alpestre
Comiothrium hypericicola
Leptosphaeria hypericicola
Lophiostoma alpestre
Phoma hypericicola
Pyrenophora hyperici
Hypericum perforatum
Septoria hypericorum

INSECTA
Anophthalmus hirtus subsp. *micklitzii*
Rhachomyces aphaenopsis var. *balcanicus*
Chironomidae
Rhizidium chitinophilum
Ephemeridae
Rhizidium chitinophilum
Neotrichus suturalis
Laboulbenia shanorii
Perileptus areolatus
Laboulbenia vulgaris var. *perileptii*
Phegomyces bureschi
Rhachomyces middelhoeckii

INVERTEBRATA (other than Insecta)
Xiphinema chambersi
Catenaria vermicola

IRIDACEAE
Crocus
Scopulariopsis croci

JUGLANDACEAE
Pterocarya fraxinifolia
Camarosporium pterocaryae
Diplodia pterocaryae
Microdiplodia pterocaryae

LABIATAE
Bystropogon mollis
Puccinia menthae var. *rugosa*
Hymenocrater bituminosus
Camarosporium hymenocrateris
Septoria hymenocrateris
Monardella macrantha
Puccinia menthae var. *cordillerensis*
Nepeta
Phyllosticta nepetae
Origanum vulgare
Ramularia origani
Pycnanthemum
Cercospora pycnanthemicola
Satureja odora
Puccinia menthae var. *levii*

LABIATE (continued)

Sideritis taurica
Ophiobolus lithophilus
Phomopsis thymi
Platystomum tauricum
Thymus callieri
Phomopsis thymi
Pleospora thymi
Stagonospora thymi
Trematosphaeria thymi
Thymus pseudohumilis
Melanomma saviczii
Platystomum tauricum

LAURACEAE

Queenslandia schmidiana var. *major*
Cinnamomum pedunculatum
Artallendea cinnamomi
Cinnamomum zeylanicum
Hansfordia cinnamomi
Nectandra
Palauaniella nectandreae
Queenslandia uleana

LEGUMINOSAE

Albizia julibrissin
Fusarium splendens
Alysicarpus
Cercospora alysicarpi
Ammodendron conollyi
Camarosporium ammodendri
Phoma ammodendri
Astragalus brevidens
Chaetomelasmia komarnitzkyi
Butea frondosa
Cercospora buteae
Caesalpinia gilliesii
Camarosporium caesalpiniae
Cassia bacillaris
Meliola cassiifolia

Dialium divaricatum

Podosporium dialii
Dorycnium intermedium
Peronospora dorycnii
Genista tinctoria

Phragmothyrium genistae

Gleditschia triacanthos

Kabatiella gleditschiae

Halimodendron halodendron

Aposphaeria halimodendri
Diplodia halimodendri
Hendersonia elegans
Microdiplodia halimodendri
Phoma elegans
Phoma galini
Phoma halimodendri
Strickeria halimodendri

Hedysarum
Chaetomelasmia komarnitzkyi

Hymenaea

Kmetiopsis hymenaeae

Inga

Actinothyrium ingae
Johansonia brasiliensis

Machaerium scleroxylon

Phaeochorella machaerii

Parkia filicoidea

Sphaerophragmium parkiae

Pithecolobium

Microthyrium pithecolobii

Pongamia glabra

Microstroma pongamiae

Sarothamnus

Phaeosphaerella sarothamnicola

Sarothamnus scoparius

Dacrymyces lutescens var. *latisporus*

LEGUMINOSAE (continued)

Smirnovia turkestanica
Coniothyrium smirnoviae
Sophora japonica
Dendrophoma sophorae
Spartium junceum
Phragmothyrium spartii
Swartzia pickelii
Spilomyces swartziae
Ulex
Septoria ulicis
Vicia iranica
Chaetomelasmia komarnitzkyi

LICHENES

Ampullifera foliicola
Ampullifera leonensis
Ampullifera ugandensis
Hansfordiella lichenicola
Hansfordiellopsis aburiensis

LILIACEAE

Allium cepa
Piricauda paraguayensis var. *echinulata*
Aloe natalensis
Hysterostoma maritzburgense
Smilax excelsa
Phragmothyrium smilacis
Smilax macrophylla
Biharia smilacis

LINACEAE

Linum austriacum
Rhabdospora lini

LORANTHACEAE

Dendrophthoe falcata
Gloeosporium loranthi

LYTHRACEAE

Lagerstroemia lanceolata
Cercospora lythracearum var. *macrophora*

MALPIGHIAEAE

Asteroliberia malpighii
Hiptage bengalensis
Discosia hiptages

MALVACEAE

Abutilon indicum
Cercospora malvacearum
Hibiscus cannabinus
Cercospora abelmoschi-cannabinii
Hibiscus glaber
Auricularia leucochroma
Sida
Periconia sidae

MELASTOMATACEAE

Miconia
Cocconia miconiae

MELIACEAE

Melia azedarach
Camarosporium meliae

MENISPERMACEAE

Cissampelos parreira
Meliola parreira

MORACEAE

Artocarpus integrifolia
Peltostromellina atra
Peltostromopsis artocarpi
Ficus
Candida tropicalis var. *tokyoensis*
Ficus capensis
Helicominopsis fici
Morus alba
Phomopsis moricola
Scytonostroma cystidiatum

MYRTACEAE

Melophia paraopebensis

MYRTACEAE (continued)

- Amomis caryophyllata*
- Meliola amomicola* var. *longispora*
- Phialetea aerospora*

Eucalyptus

- Botryobasidium rude*
- Eugenia insipida*
- Podosporium insipidum*
- Psidium guajava*
- Laeviomeliola psidii*
- Syzygium cuminum*
- Discosia bombycinia*

OCHNACEAE

- Ouratea fieldingiana*
- Cyclotheca batistae*

OLACACEAE

- Ximenia americana*
- Periconia laxa*

OLEACEAE

- Fraxinus excelsior*
- Libertella fraxinea*
- Pluteus olivaceus*
- Jasminum malabaricum*
- Massarina jasminicola*
- Jasminum primulinum*
- Sydowia agharkarii*
- Ligustrum neilgherrense*
- Cercospora oleacearum*
- Olea capensis*
- Hysterostomina doidgeae*
- Olea europaea*
- Elsinoe oleae*
- Phellinus torulosus* forma *oleae*

ONAGRACEAE

- Epilobium angustifolium*
- Monascusstroma epilobii*

ORCHIDACEAE

- Cephalanthera longifolia*
- Plectophoma taurica*
- Loroglossum hircinum*
- Hansfordia granulosa*
- Rhizoctonia versicolor*

PALMAE

- Sclerographium magnum*
- Orbignya speciosa*
- Parodiopsis orbignyae*
- Oreodoxa oleracea*
- Gnomoniella tubiformis* var. *minor*
- Phoenix dactylifera*
- Candida tropicalis* var. *japonica*
- Raphia hookeri*
- Megalodochium palmicola*

PHYTOLACCACEAE

- Gallesia gorazema*
- Batistinula gallesiae*
- Phytolacca dioica*
- Epithele nivea*

PIPERACEAE

- Piper seabrum*
- Amazonia pipericola*

PITTOSPORACEAE

- Pittosporum tobira*
- Pyrenophora pittospori*

POLYGONACEAE

- Atraphaxis spinosa*
- Phoma atraphaxidis*

PROTEACEAE

- Grevillea robusta*
- Mycosphaerella grevilleae*
- Hakea ulicina*
- Dothidasteromella hansfordii*
- Roupala brasiliensis*
- Cercospora roupalae*
- Coremium rhopalimum*

PROTEACEAE (continued)

- Roupala veraguensis*
- Asterinema glabrata* var. *roupalae*

PTERIDOPHYTA

- Cibotium schiedei*
- Gliocladium cibotii*
- Pteris*
- Botryobasidium pteridophytorum*

PUNICACEAE

- Punica granatum*
- Microdiplodia granati*

RANUNCULACEAE

- Aconitum toxicum*
- Strasseria aconiti*
- Anemone coronaria*
- Peronospora anemones*

RHAMNACEAE

- Rhamnus cathartica*
- Gloeosporium rhamni*

ROSACEAE

- Amygdalus communis*
- Dendrophoma amygdalina*
- Licania*
- Rhynchomeliola licaniae*
- Prunus*
- Culicidospora aquatica*
- Prunus amygdalus*
- Sphaeloma siculum*
- Prunus persica*
- Dematium japonicum*
- Rosa canina*
- Chaetostroma compactum*
- Diplodina duninii*
- Ophiobolus babajanii*

RUBIACEAE

- Asperula cynachica*
- Platystomum tauricum*
- Chiococca alba*
- Balladyna chiococcae*
- Damnacanthus angustifolius*
- Mycosphaerella shikaeana*
- Galium anglicum*
- Peronospora galii-anglici*
- Mitragyna stipulosa*
- Ampullifera ugandensis*
- Rondeletia*
- Asteridiella rondeletiifolii*
- Straussia*
- Amazoniella straussiae*
- Tocoyena brasiliensis*
- Mycosphaerella tocoyenae*

RUTACEAE

- Citrus*
- Schizothyropsis citri*
- Trichospermella citricola*
- Esenbeckia macrocarpa*
- Atractina triseptata*
- Phellodendron amurense*
- Aposphaeria phellodendri*
- Cytospora phellodendri*
- Dendrophoma phellodendri*
- Diplodia galii*
- Diplodina phellodendri*
- Phellodendron lavallei*
- Phyllosticta phellodendri*

SALICACEAE

- Populus tremula*
- Platystomum populinae*
- Salix cordata*
- Venturia saliciperda*
- Salix helvetica*
- Venturia helvetica*
- Salix martiana*
- Melomastia clypeata* var. *multiseptata*

SALICAEAE (continued)	
Salix nigricans	
<i>Venturia microspora</i>	
SAMYDACEAE	
Homalium letestui	
<i>Ampullifera leonensis</i>	
SAPINDACEAE	
<i>Leucoconiella paraguayensis</i>	
Cupania	
<i>Hansfordiopeltis cupaniae</i>	
Cupania revoluta	
<i>Meliola cupaniicola</i>	
Paullinia pinnata	
<i>Meliola paulliniiifolia</i>	
Xanthoceras sorbifolium	
<i>Camarosporium xanthoceratis</i>	
<i>Diplodia xanthoceratis</i>	
SAPOTACEAE	
Achras sapota	
<i>Leptoxypodium bahiense</i>	
<i>Sathropeltis sapotae</i>	
Lucuma grandifolia	
<i>Echidnodiella lucumae</i>	
SAXIFRAGACEAE	
Philadelphus caucasicus	
<i>Deuterophoma philadelphi</i>	
<i>Diplodia caucasci</i>	
SCROPHULARIACEAE	
Linaria ramosissima	
<i>Cercospora linariae</i>	
SOLANACEAE	
Capsicum annuum	
<i>Scopulariopsis capsici</i>	
Lycium ruthenicum	
<i>Coryneum lycii</i>	
Petunia variabilis	
<i>Cercospora petuniae</i> var. <i>brevipedicellata</i>	
STERCULIACEAE	
Cola verticillata	
<i>Ampullifera folicola</i>	
<i>Hansfordiellopsis aburiensis</i>	
STYRACACEAE	
Styrax officinalis	
<i>Septoria styracis</i>	
TAMARICACEAE	
Reaumuria	
<i>Camarosporium reaumuriae</i>	
TILIACEAE	
Triumfetta rotundifolia	
<i>Cercospora triumfetticola</i>	
ULMACEAE	
Holoptelea integrifolia	
<i>Cercospora holopteleae</i>	
Ulmus	
<i>Heterochaetella bispora</i>	
Ulmus campestris var. laevis	
<i>Auricularia hispida</i>	
UMBELLIFERAE	
Apium graveolens	
<i>Helminthosporium apii</i>	
Eremodaeus lehmannii	
<i>Septoria eremodauci</i>	

UMBELLIFERAE (continued)	
Ferula	
<i>Septoria ferulina</i>	
Heracleum pubescens	
<i>Melanomma heraclei</i>	
<i>Pocosphaeria saviczii</i>	
<i>Rosellinia heraclei</i>	
Heracleum sphondylium	
<i>Dactyrella arnaudii</i>	
Libanotis transcaucasica	
<i>Septoria taurica</i>	
Rumia crithmifolia	
<i>Falcipatella taurica</i>	
Seseli dichotomum	
<i>Mycosphaerella seseli</i>	
Seseli gummiferum	
<i>Mycosphaerella seseli</i>	
Seseli lehmannii	
<i>Mycosphaerella seseli</i>	
VACCINIACEAE	
<i>Calothyriolum vacciniae</i>	
VERBENACEAE	
Aegiphila pernambucensis	
<i>Piggotia aegiphilae</i>	
Duranta plumieri	
<i>Didymella muelleri</i>	
Duranta repens	
<i>Sarcinella longipedunculata</i>	
Lantana indica	
<i>Cercospora lantanae-indicae</i>	
Vitex	
<i>Hormisciomyces bellus</i>	
<i>Irenopsis viticifoliae</i>	
VERTEBRATA	
Arvicola terrestris	
<i>Emmonsia crescens</i>	
Erythacus (Robin)	
<i>Arthroderra tuberculatum</i>	
Homo sapiens	
<i>Cladosporium trichoides</i>	
Cryptococcus ater	
<i>Endomycopsis interdigitalis</i>	
Torulopsis glabrata var. <i>gummaensis</i>	
<i>Trichosporon appendiculare</i>	
<i>Waldemaria pernambucensis</i>	
VIOLACEAE	
Viola grypoceras	
<i>Uredo sumireicola</i>	
Viola okuboi	
<i>Uredo sumireicola</i>	
VITACEAE	
Leea sambucina	
<i>Cercospora leeae</i>	
ZINGIBERACEAE	
Hitchenia caulina	
<i>Cercospora hitcheniae</i>	
ZYGOPHYLLACEAE	
Peganum harmala	
<i>Camarosporium pegani</i>	
<i>Phoma harmalae</i>	
<i>Pleospora peganicola</i>	

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